

Town Center Streetscape Improvements Lexington, MA

Public Meeting

December 5, 2013

Welcome!

Opening Remarks

- ▶ Introductions
 - Project Genesis
 - Prior Efforts
 - Scope/Objectives of this Current Effort
- ▶ Overall Objectives
- ▶ Purpose of the Meeting

Agenda

- ▶ Background/BOS Decision
- ▶ Overall Project Overview
- ▶ Visioning for the Town Center
- ▶ Traffic and Roadway Components
- ▶ Streetscape Components
- ▶ Break-out Sessions
- ▶ Break
- ▶ Recap
- ▶ Next Steps

<u>Presenter</u>	<u>Time</u>
<i>John</i>	<i>5 min</i>
<i>Kien</i>	<i>5 min</i>
<i>Don</i>	<i>15 min</i>
<i>Mike</i>	<i>15 min</i>
<i>Kelly</i>	<i>15 min</i>
<i>Melisa</i>	<i>45 min</i>
	<i>5 min</i>
<i>Captains</i>	<i>15 min</i>
<i>John</i>	<i>5 min</i>

Background/Recent Board of Selectmen Decision

- ▶ Role of Steering Committee
- ▶ Mass Ave Lane Configuration
- ▶ Means for Additional Input
 - LexEngage
 - Town Website

Limits of Project

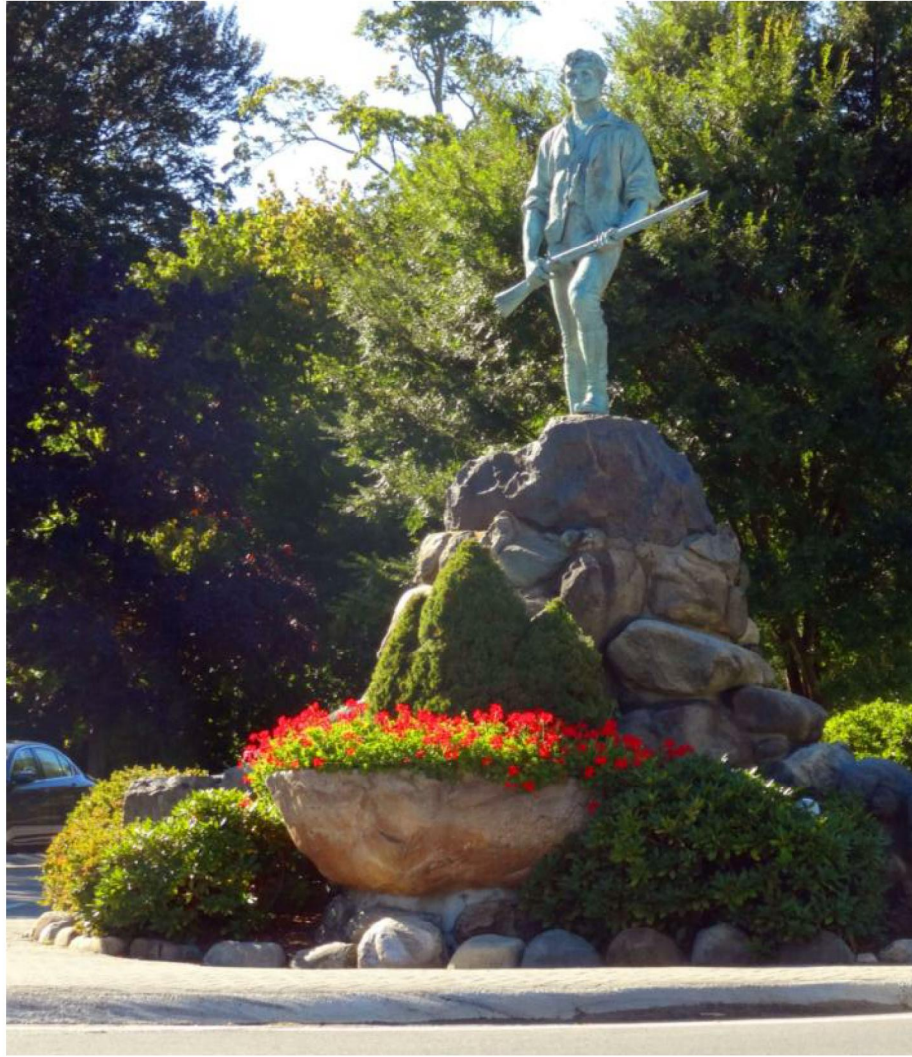


Project Overview

- ▶ Conduct Local Consultations
- ▶ 25% Design Plans for Mass Ave.
- ▶ Concept Plan for Battle Green Area
- ▶ Other Efforts
 - Data Collection
 - Traffic Analysis

Visioning

HISTORY EMBODIED IN MATERIALS & FORMS: STONE



STONE WALL STYLES



SEAT BOULDERS SET IN PAVING



GRANITE POST FENCING



GRANITE BOLLARD LIGHTS



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HISTORIC INTERPRETATION



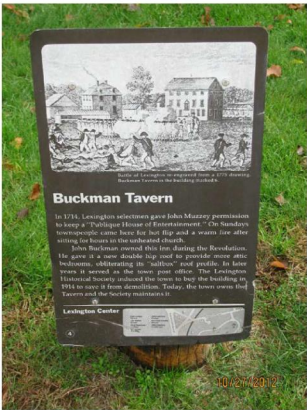
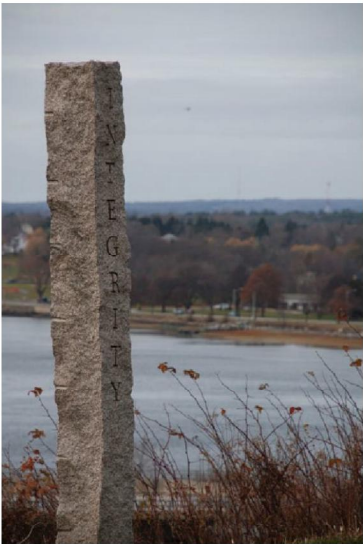
EXISTING LIBRARY KIOSK



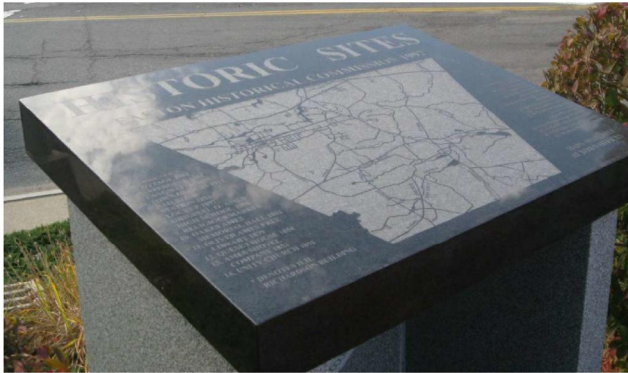
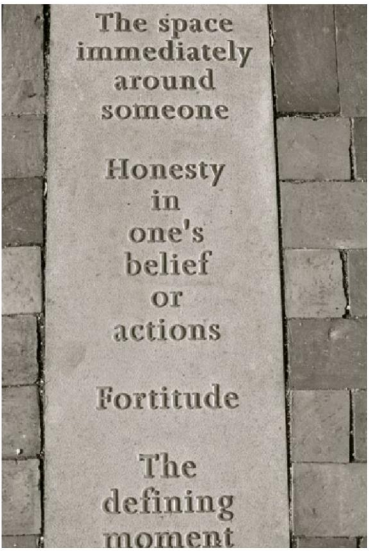
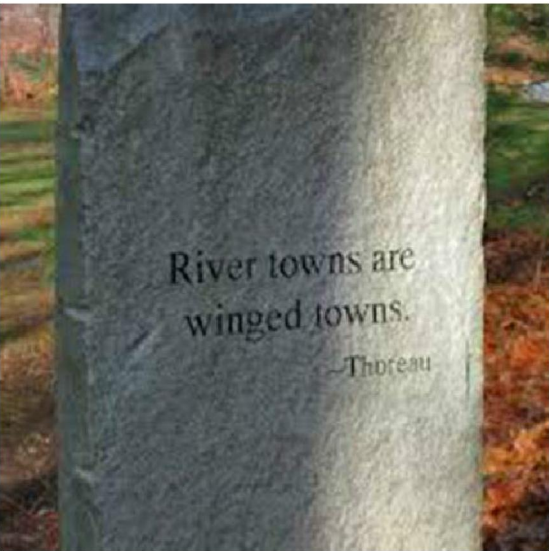
METAL



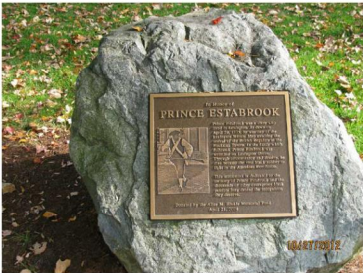
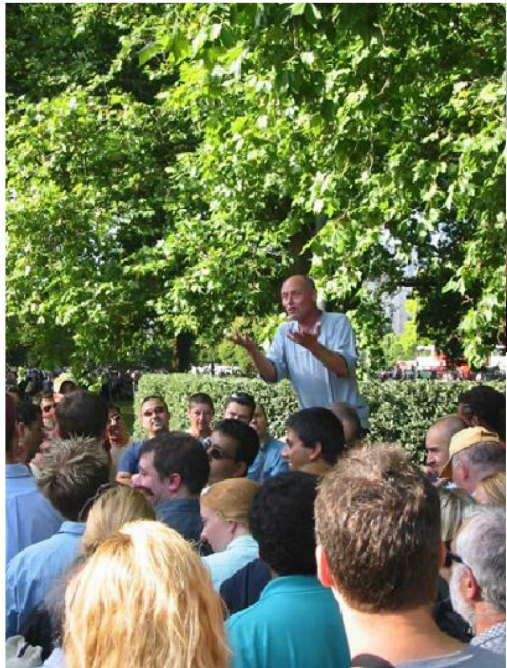
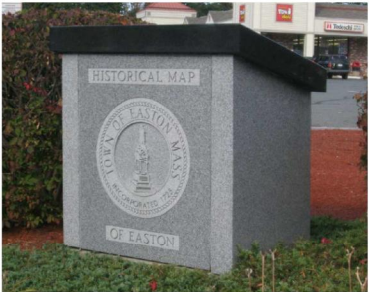
GATHERING SPACES



STONE



STONE



REMINERS OF HISTORY



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Plan

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-  GATHERING AREA - HISTORIC INTERPRETATION
-  GATEWAY



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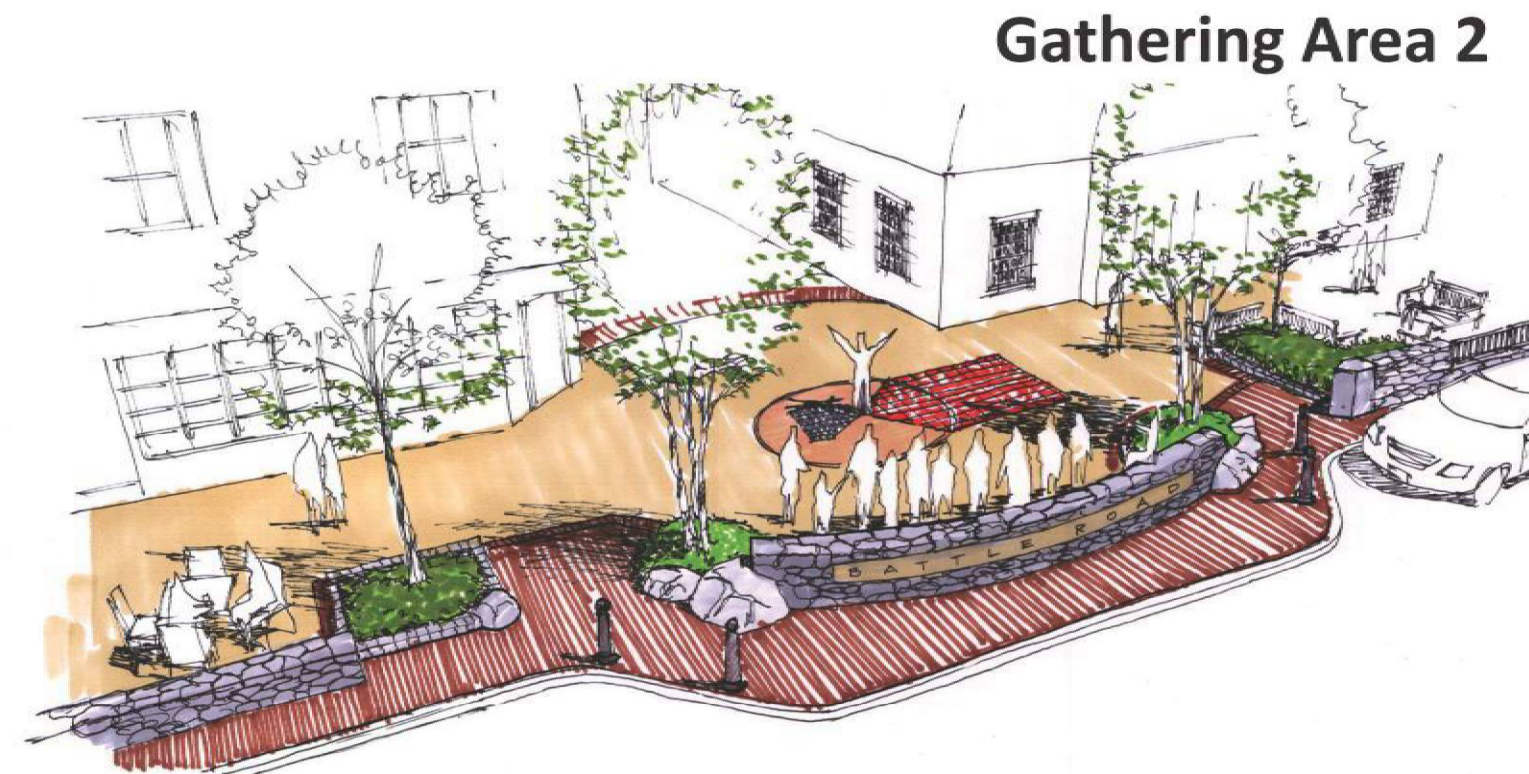
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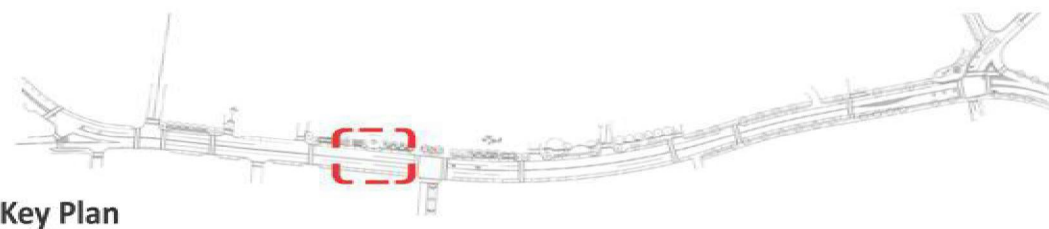
Concept A



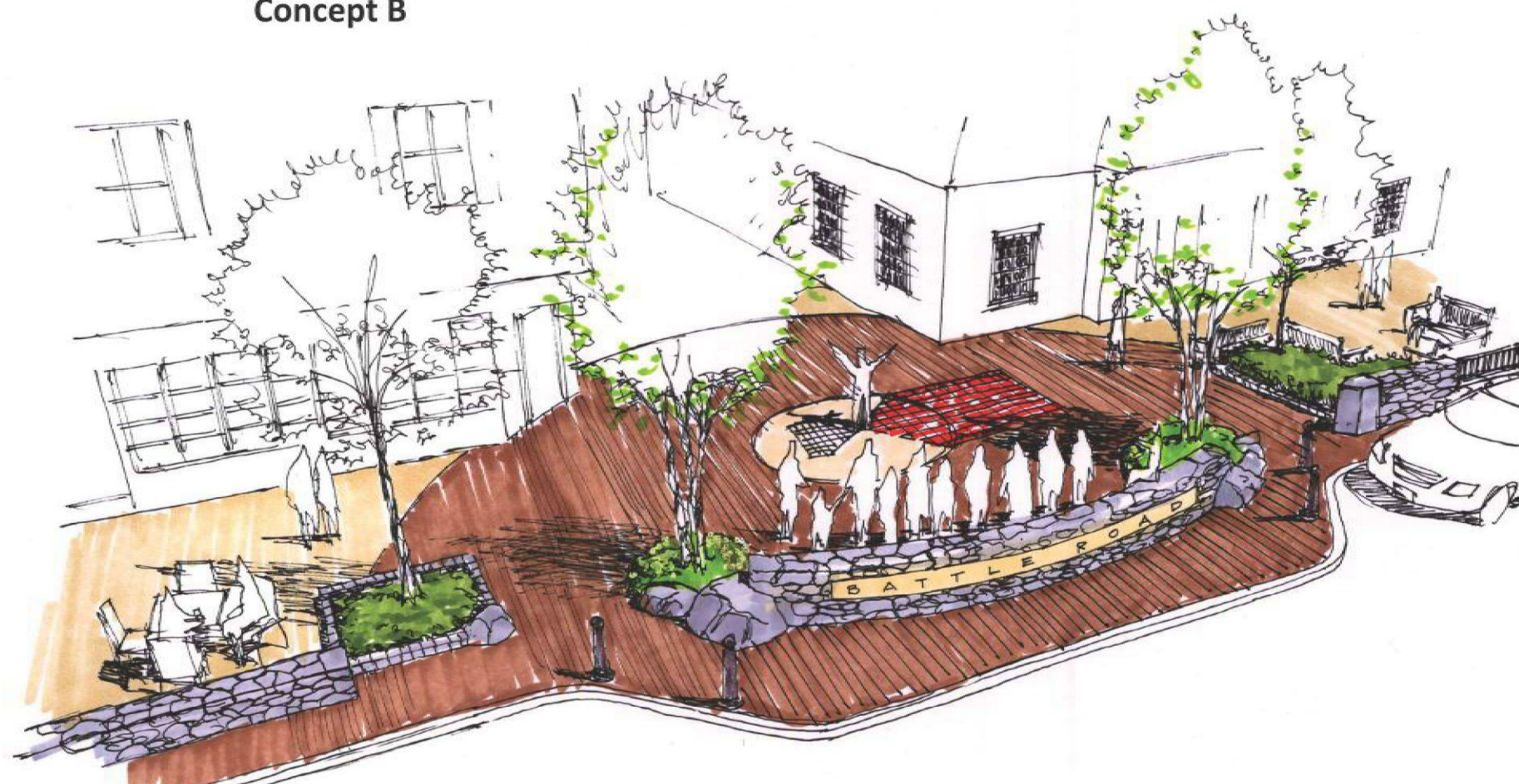
Concept B



Plan Enlargement



Key Plan



Concept C

Gathering Area 2

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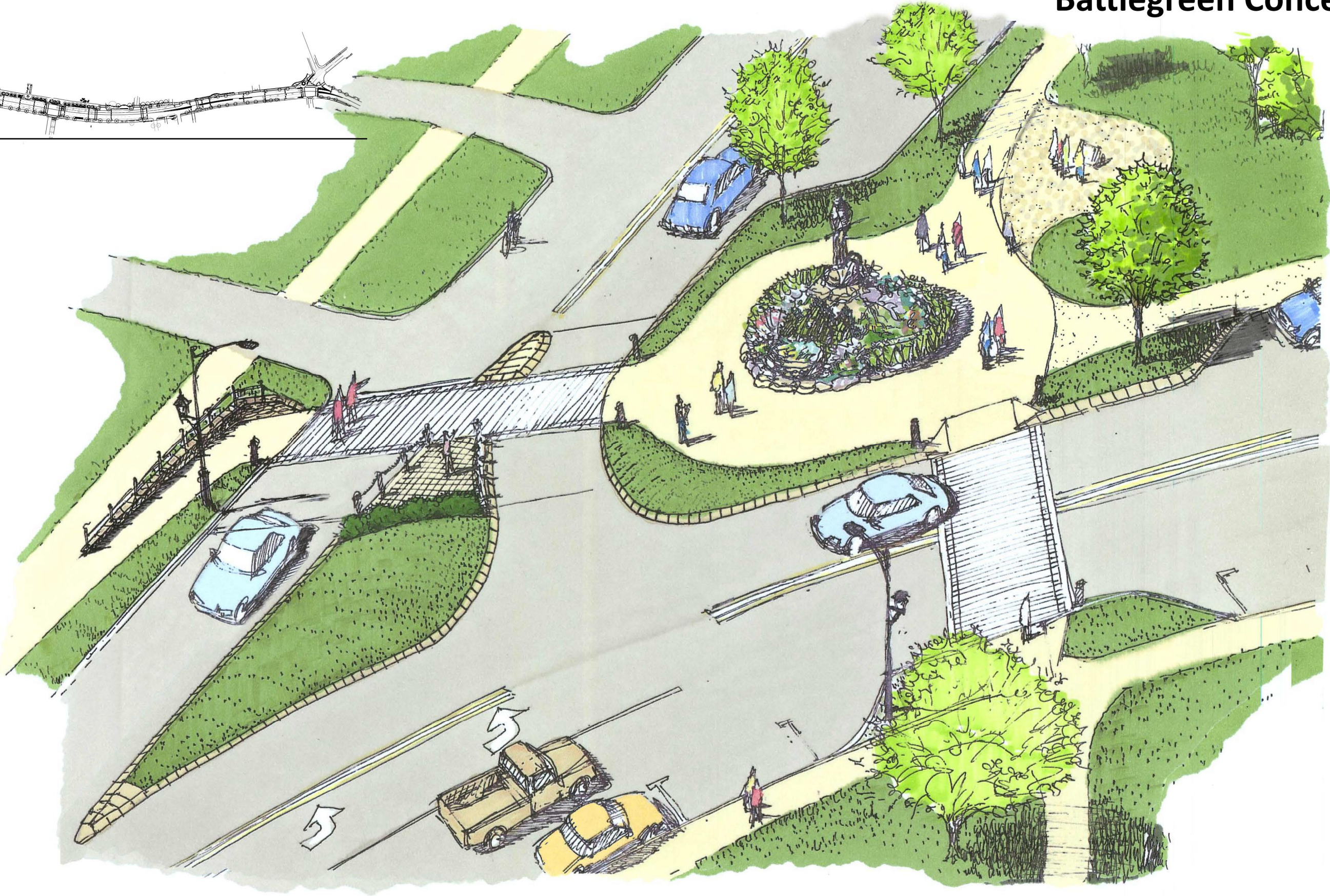
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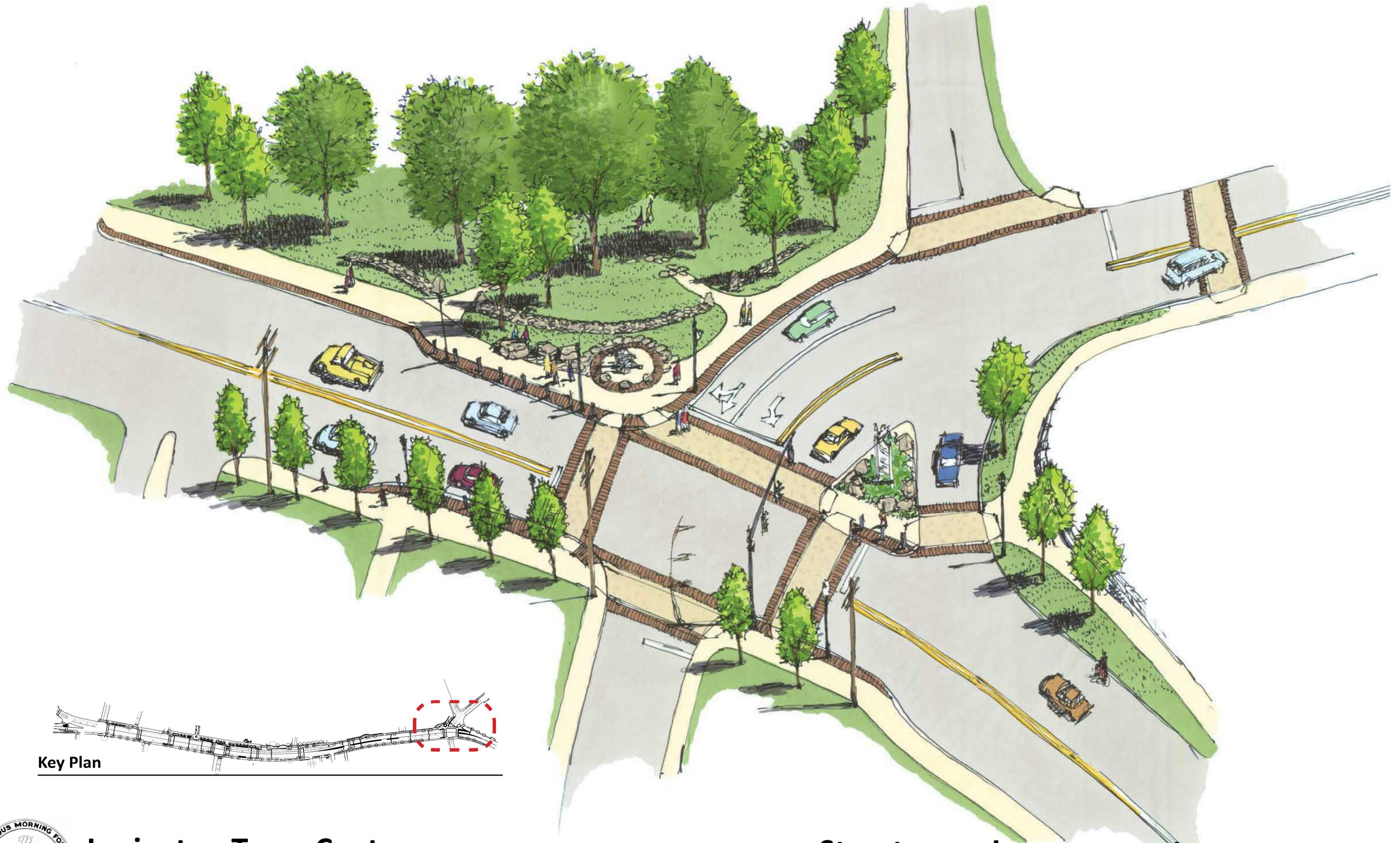
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Key Plan





Key Plan

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Transportation

Traffic Data Collection

- ▶ Peak Hour Intersection Volumes
 - Pedestrians
 - Bicycles
 - Vehicles
- ▶ Daily Roadway Volumes
 - Vehicles

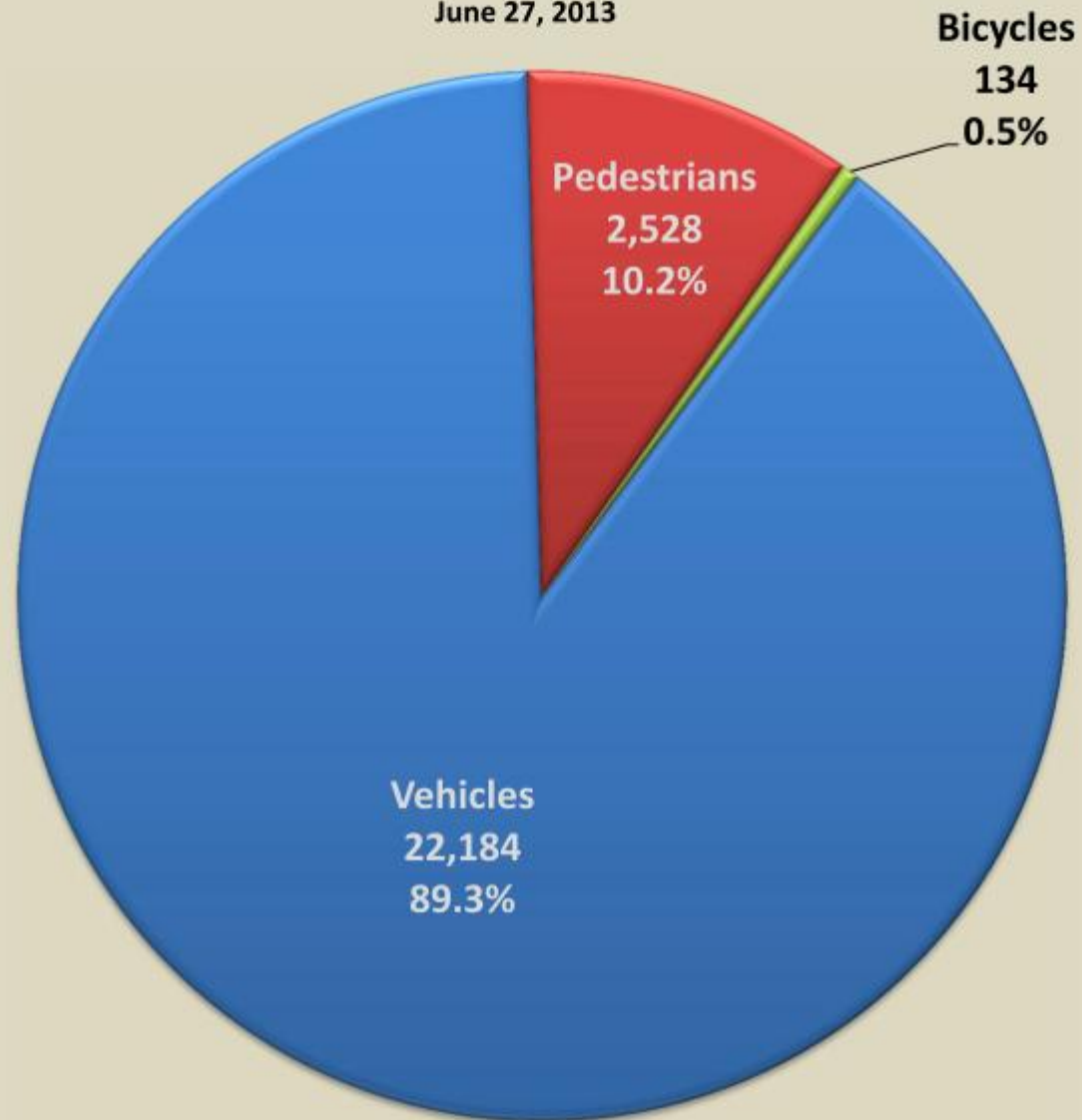
Traffic Data Collection



Intersection Volume Massachusetts Avenue at Waltham Street

7:00 AM - 7:00 PM

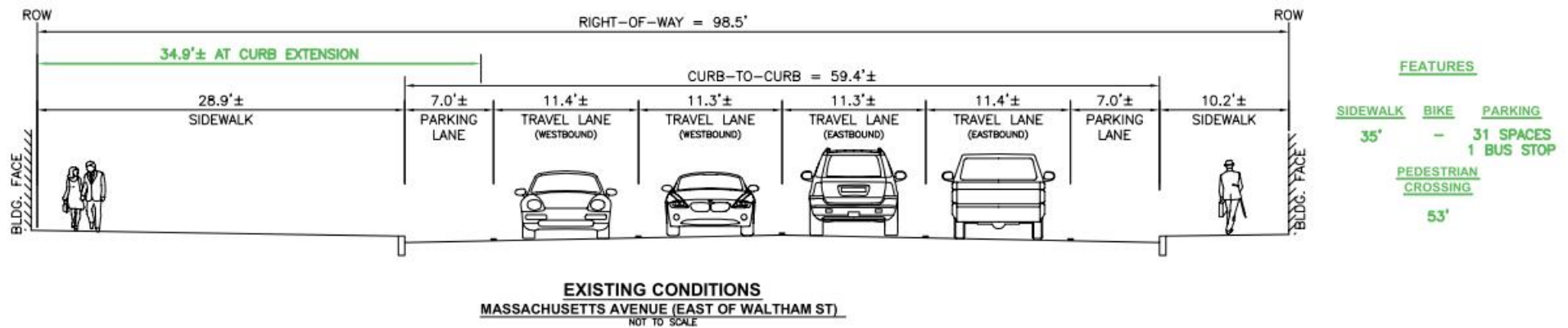
June 27, 2013



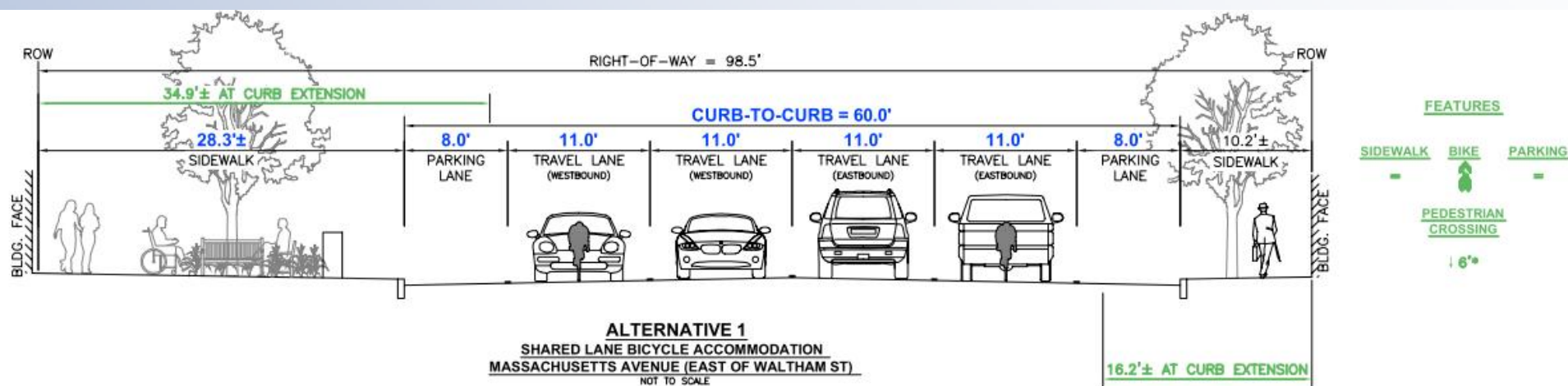
Representative Cross-Sections



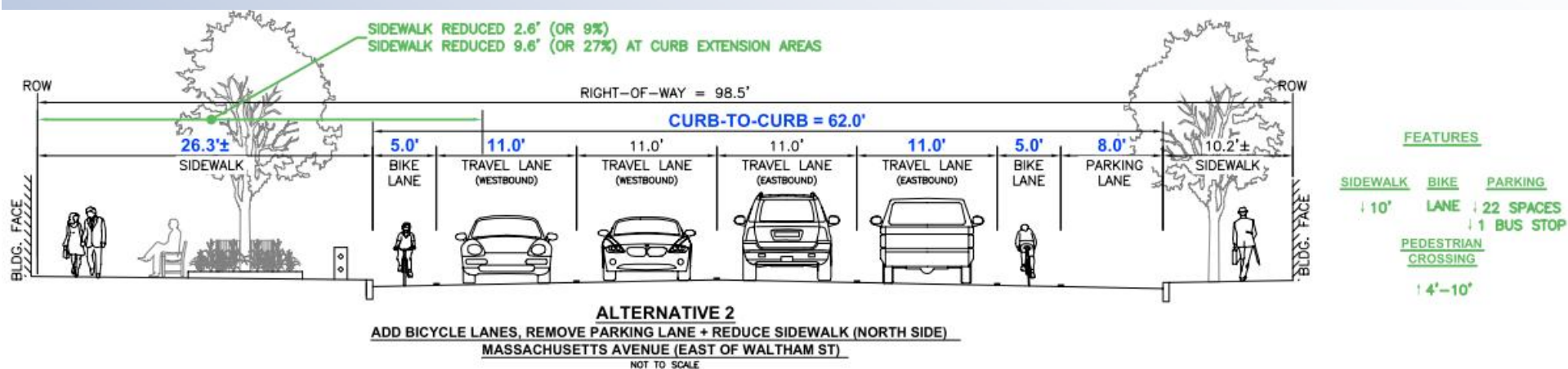
Commercial Area – Existing Conditions



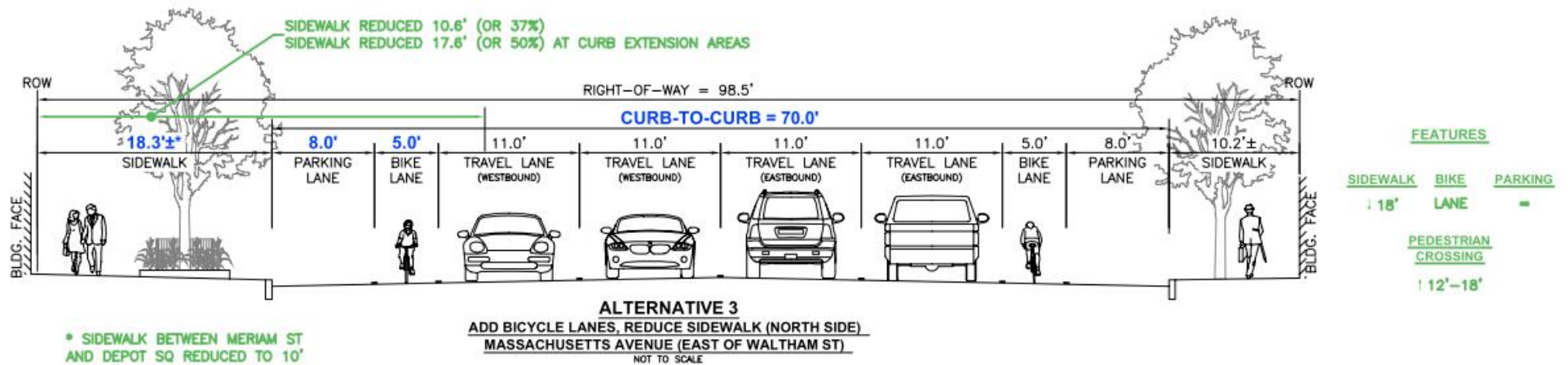
Commercial Area – Alternative 1



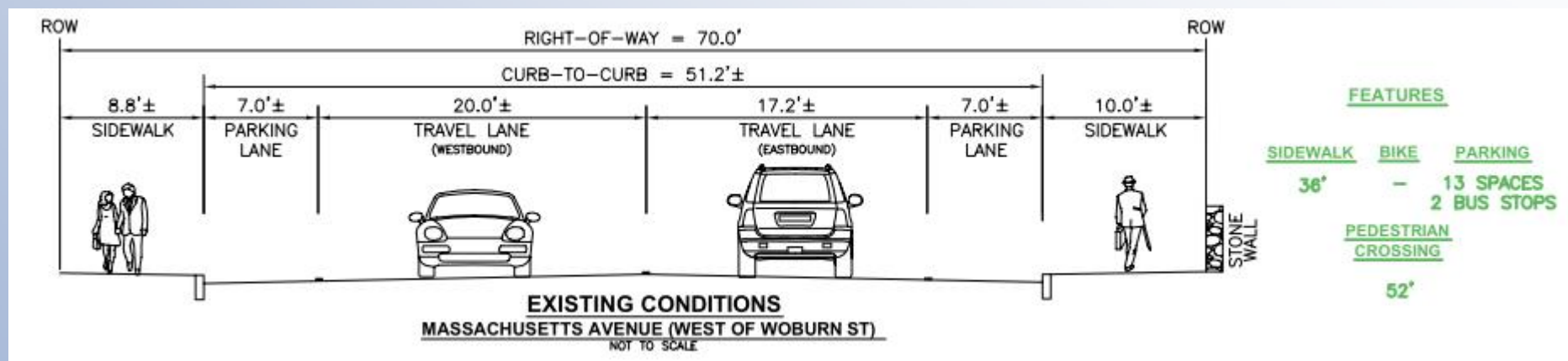
Commercial Area – Alternative 2



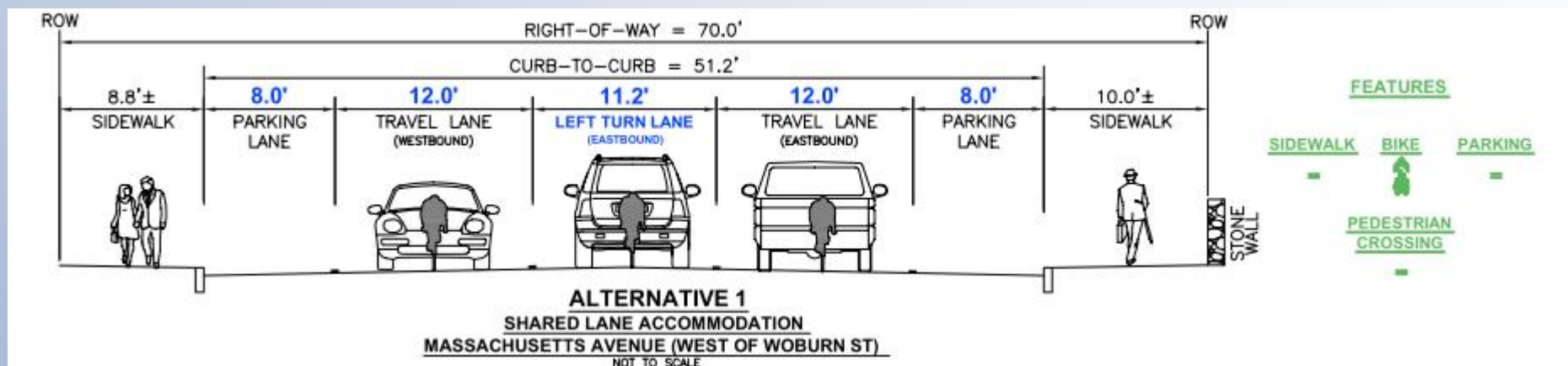
Commercial Area – Alternative 3



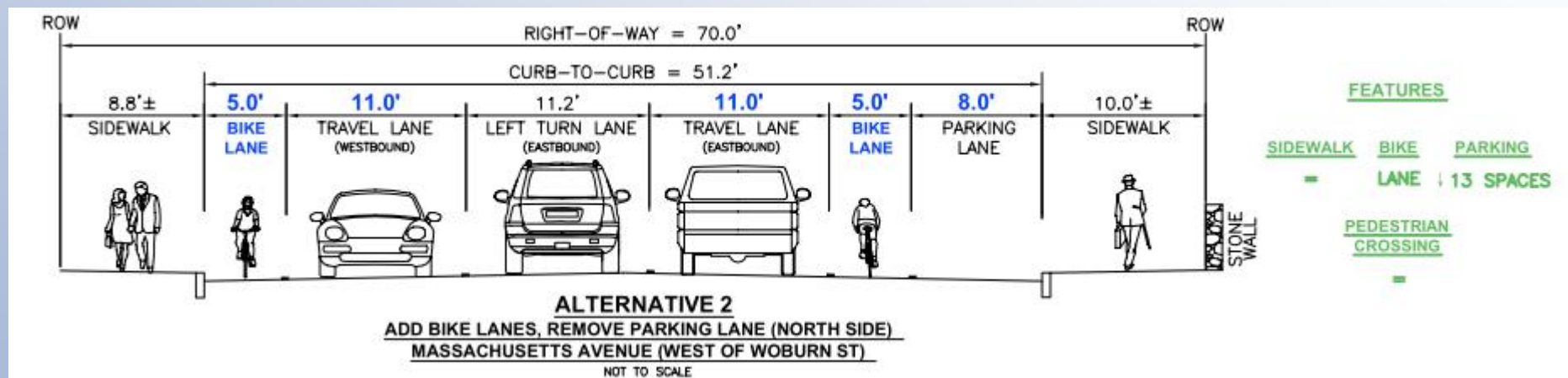
Civic Area – Existing Conditions



Civic Area – Alternative 1



Civic Area – Alternative 2



Summary of Cross Sections

COMMERCIAL AREA (East of Waltham St)

	Travel Lanes	Parking North Side	Bike Accom.	Sidewalk Width North Side	Pedestrian Crossing Distance	Comments
EXISTING	4	31	N/A	35'	53'	This is Max ROW Width
ALT 1	4	31	Sharrow	35'	47'	Add Curb Ext South Side
ALT 2	4	9 (-21)	Lane	26'	57'	Lose Curb Ext North Side
ALT 3	4	31	Lane	18'	65'	38% Increase in Crossing Distance 50% Reduction in Sidewalk Width

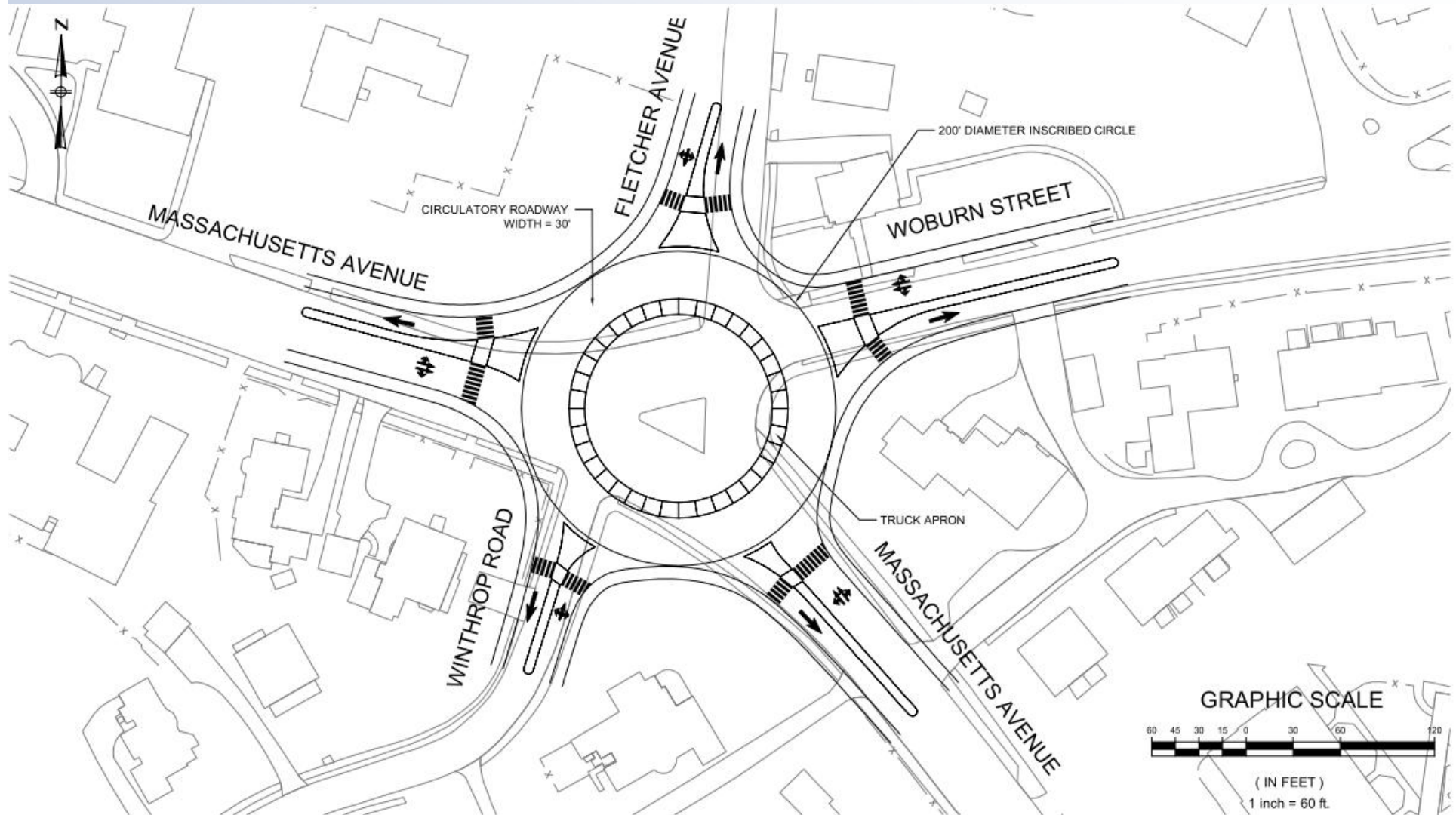
Note: ALT 3 would reduce sidewalk to less than 10' west of Depot Square

CIVIC AREA (West of Woburn St)

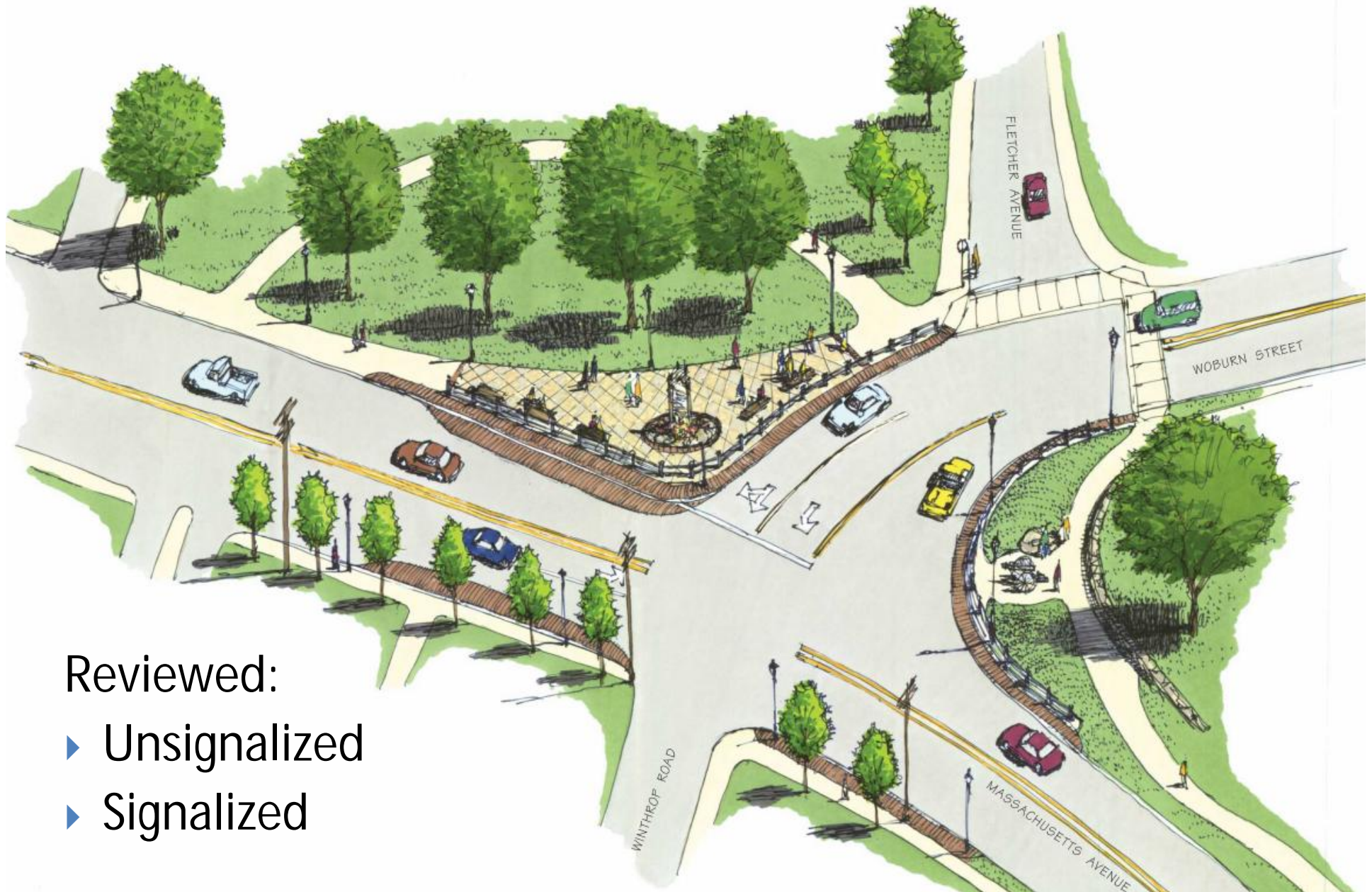
	Travel Lanes	Parking North Side	Bike Accom.	Sidewalk Width North Side	Pedestrian Crossing Distance	Comments
EXISTING	2 Wide	13	N/A	8.8'	51'	Excessive Lane Width
ALT 1	2 + LT Turn Lane	13	Sharrow	8.8'	51'	Flush Median
ALT 2	2 + LT Turn Lane	0 (-13)	Lane	8.8'	51'	Flush Median

Woburn Street Intersection Alternatives

Mass Ave @ Woburn St – Roundabout



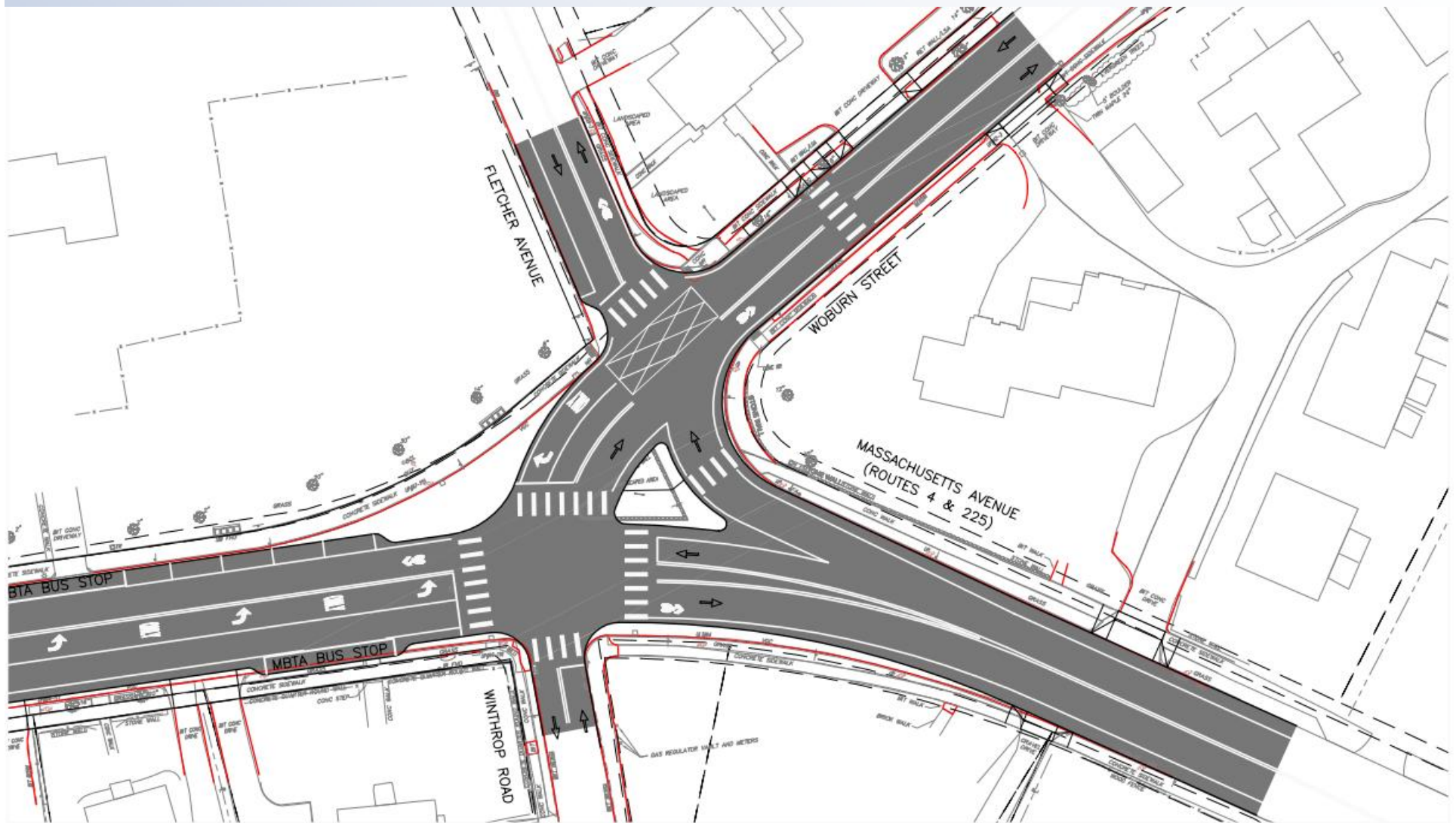
Mass Ave @ Woburn St – Without Island



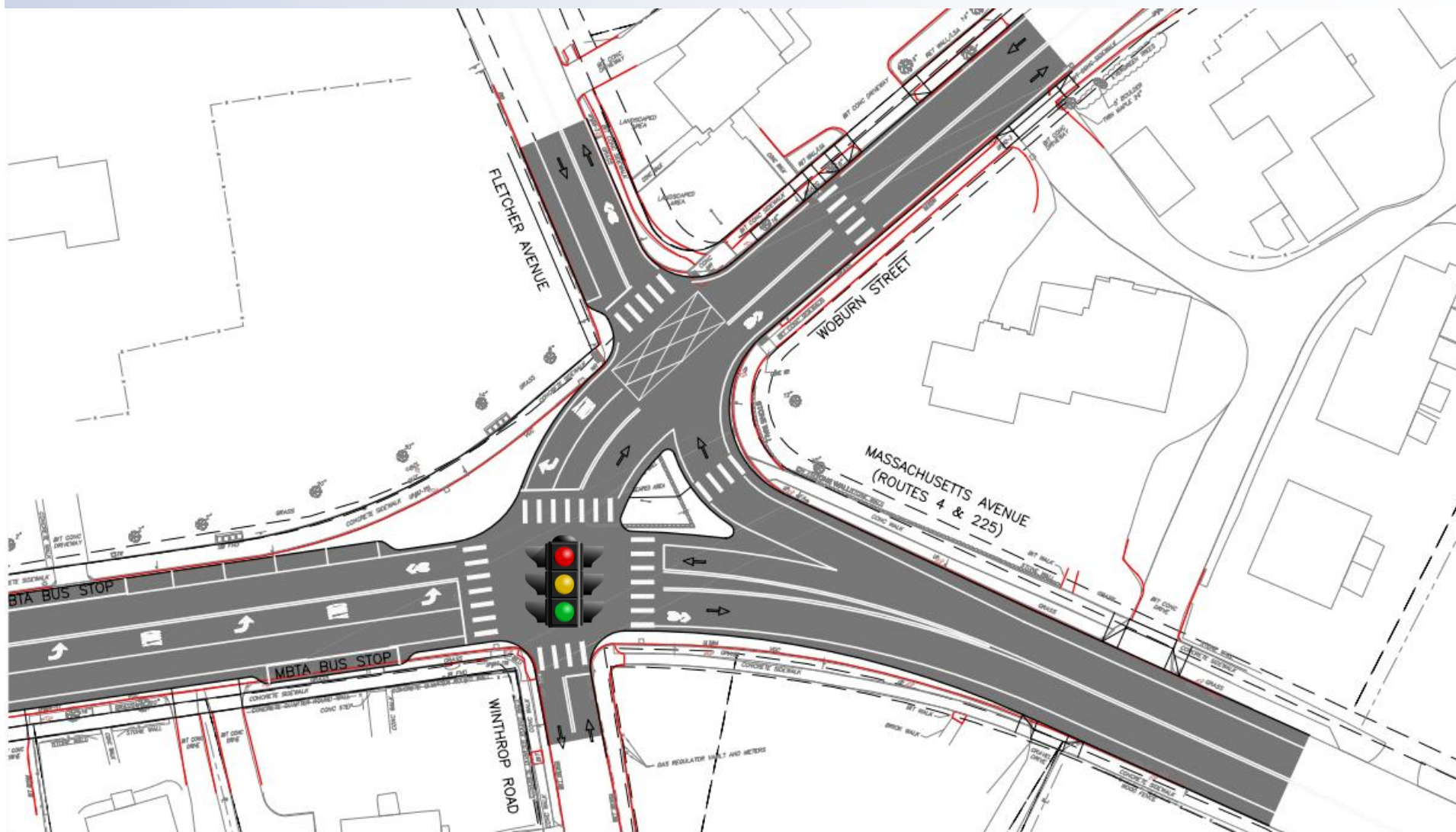
Reviewed:

- ▶ Unsignalized
- ▶ Signalized

Mass Ave @ Woburn St – With Island



Mass Ave @ Woburn St – With Island

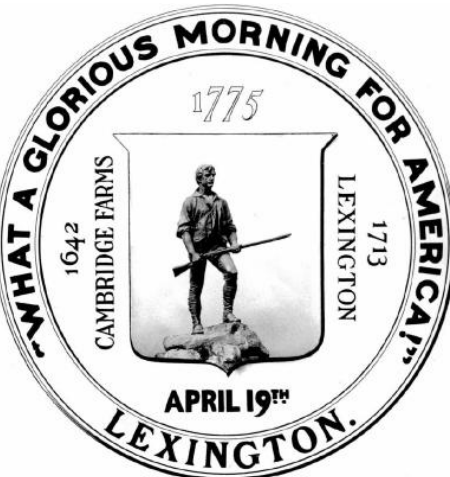


Streetscape



Plan

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Brick Sidewalks



BRICK PAVEMENT



Brick & Exposed Aggregate Concrete Sidewalks



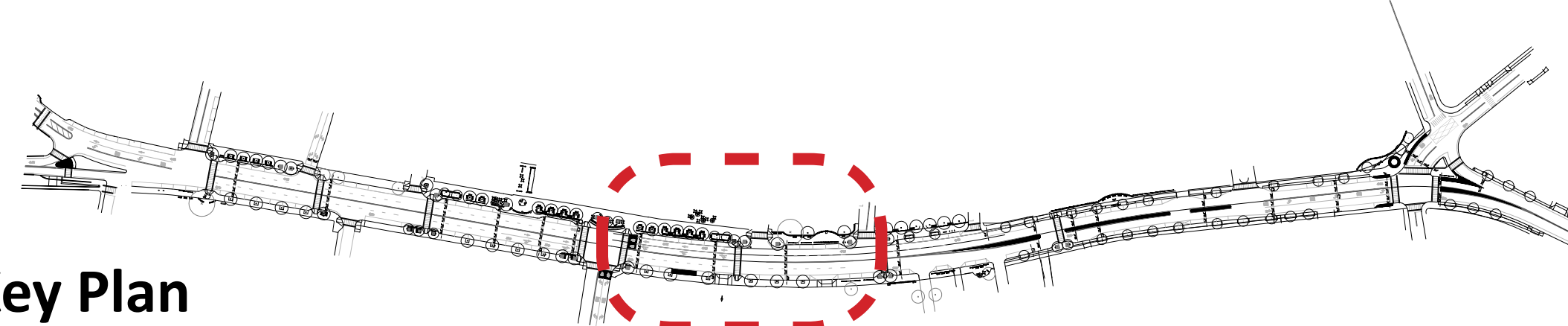
EXPOSED CONCRETE PAVEMENT



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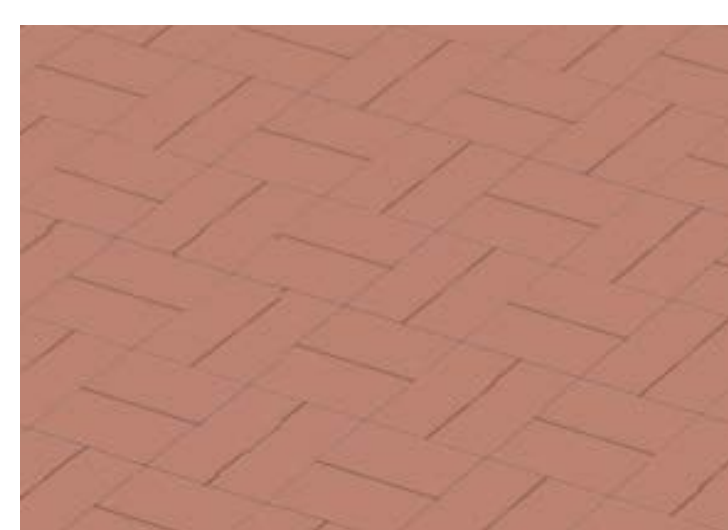
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STREETSCAPE IMPROVEMENTS



Key Plan

PAVEMENT OPTIONS



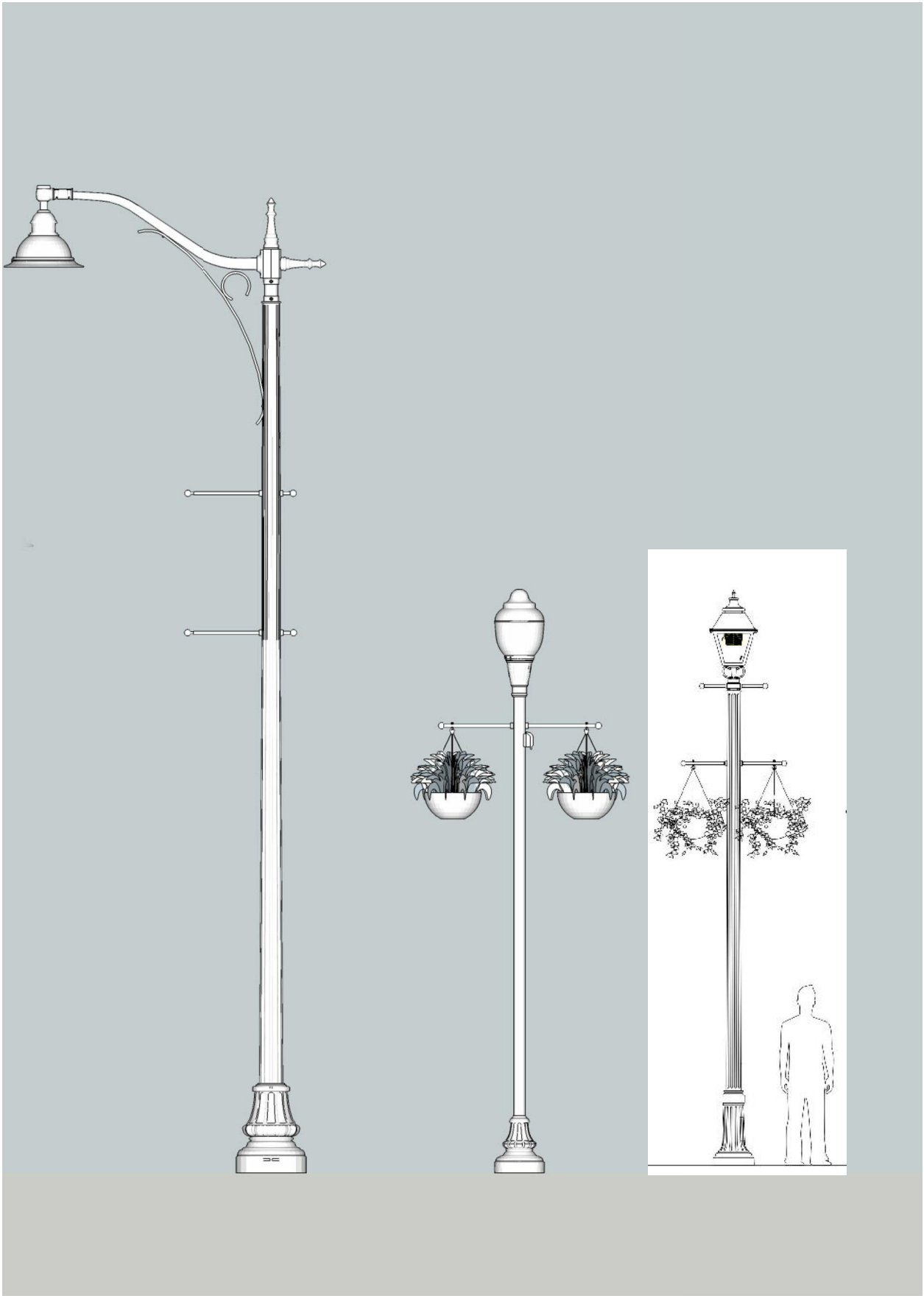
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EXISTING LIGHT AT DEPOT SQUARE



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STREETSCAPE IMPROVEMENTS

OUTDOOR FURNITURE



BENCHES: Wood or Metal



WASTE & RECYCLING:



OUTDOOR EATING: Moveable furniture

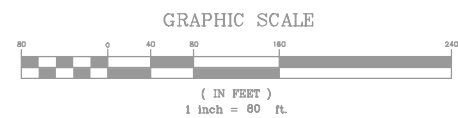


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BIKE AMENITIES

-  SINGLE BIKE LOOP
-  MULTI-BIKE RACK
-  PARKLET
-  CONTINUED "SHARROW"
-  MINUTEMAN TRAIL CONNECTION
-  DISMOUNT - ORIENTATION



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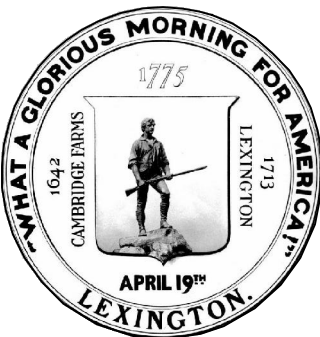
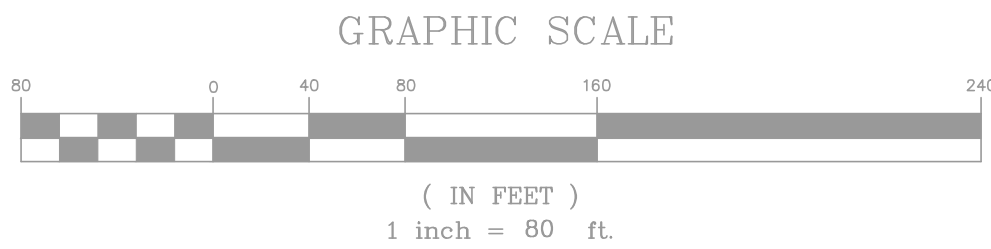
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STREETSCAPE IMPROVEMENTS





- SHADE TREE
- ORNAMENTAL TREE
- EXISTING TREE
- INFILTRATION BASIN
- FLOWER BEDS



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STREETSCAPE IMPROVEMENTS





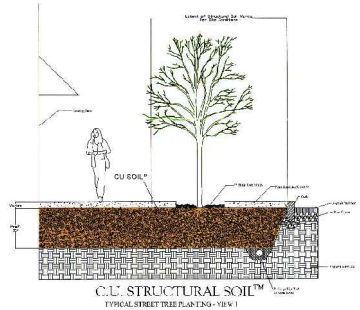
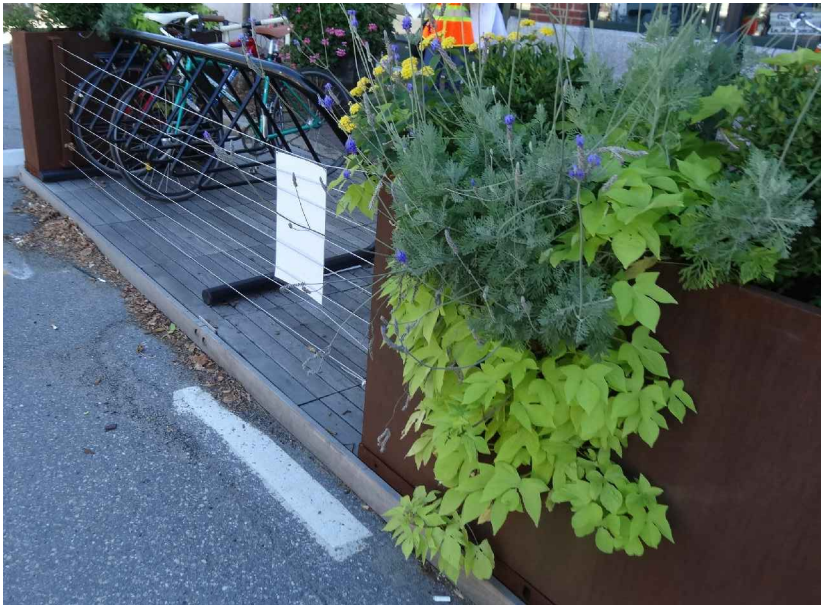
EXISTING TREE PIT



BIO-DETENTION / RAINGARDENS



EXISTING PLANTINGS



STRUCTURAL SOIL



TREE GRATES



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STREETSCAPE IMPROVEMENTS



Plan

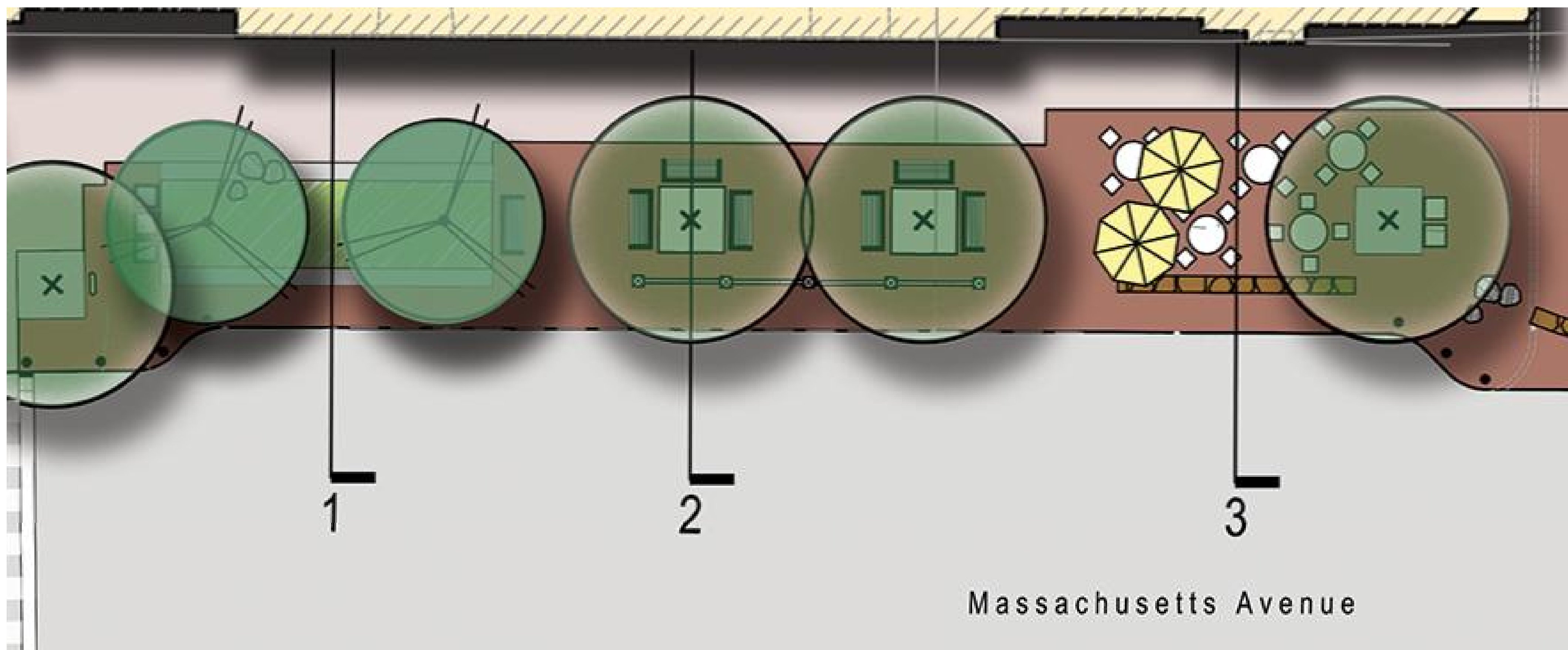
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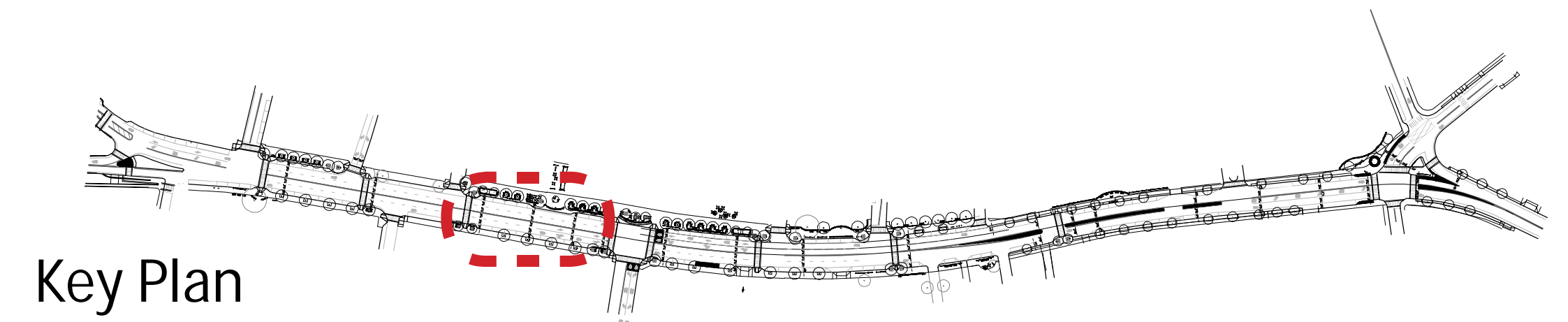
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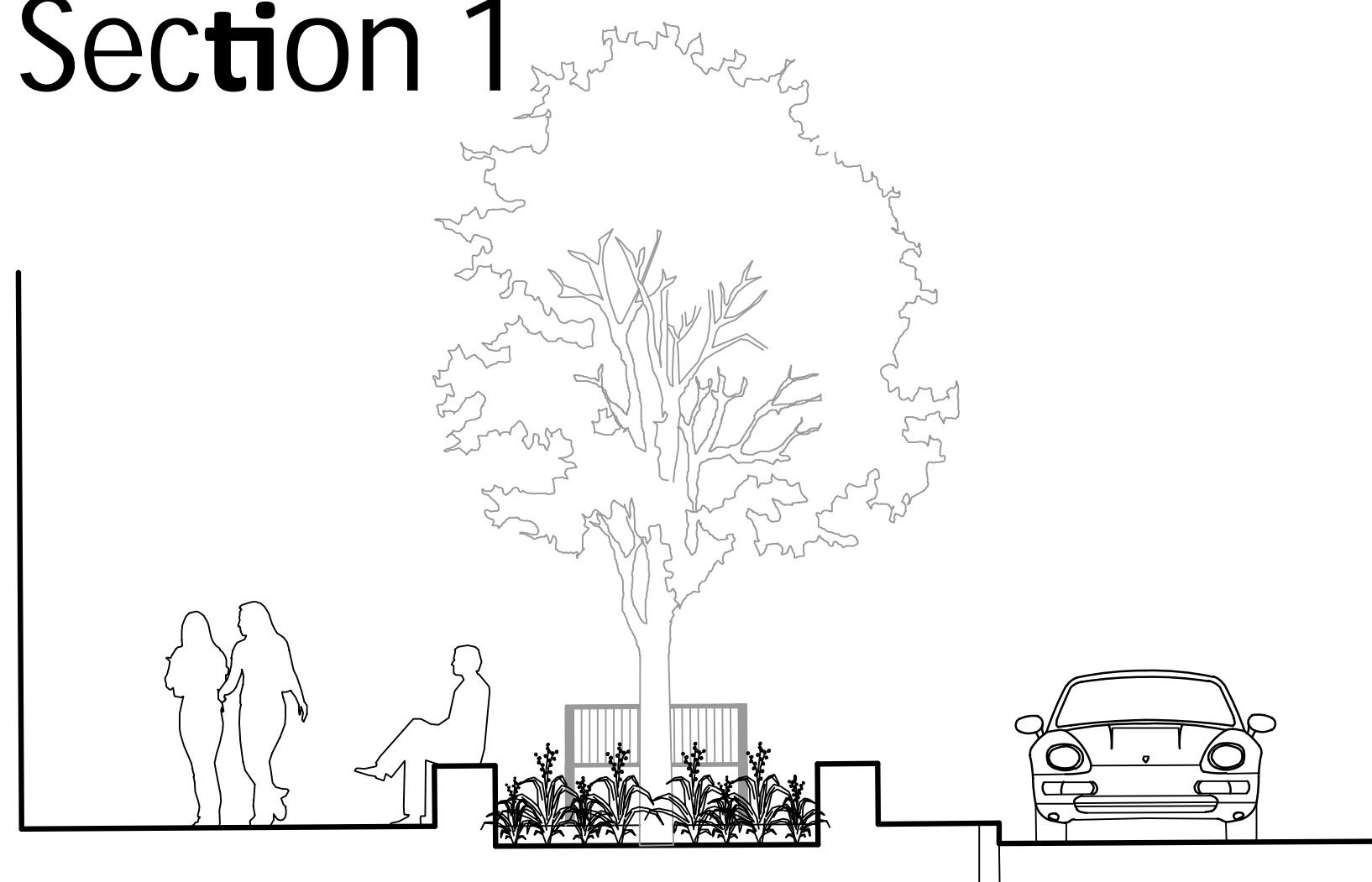


Plan

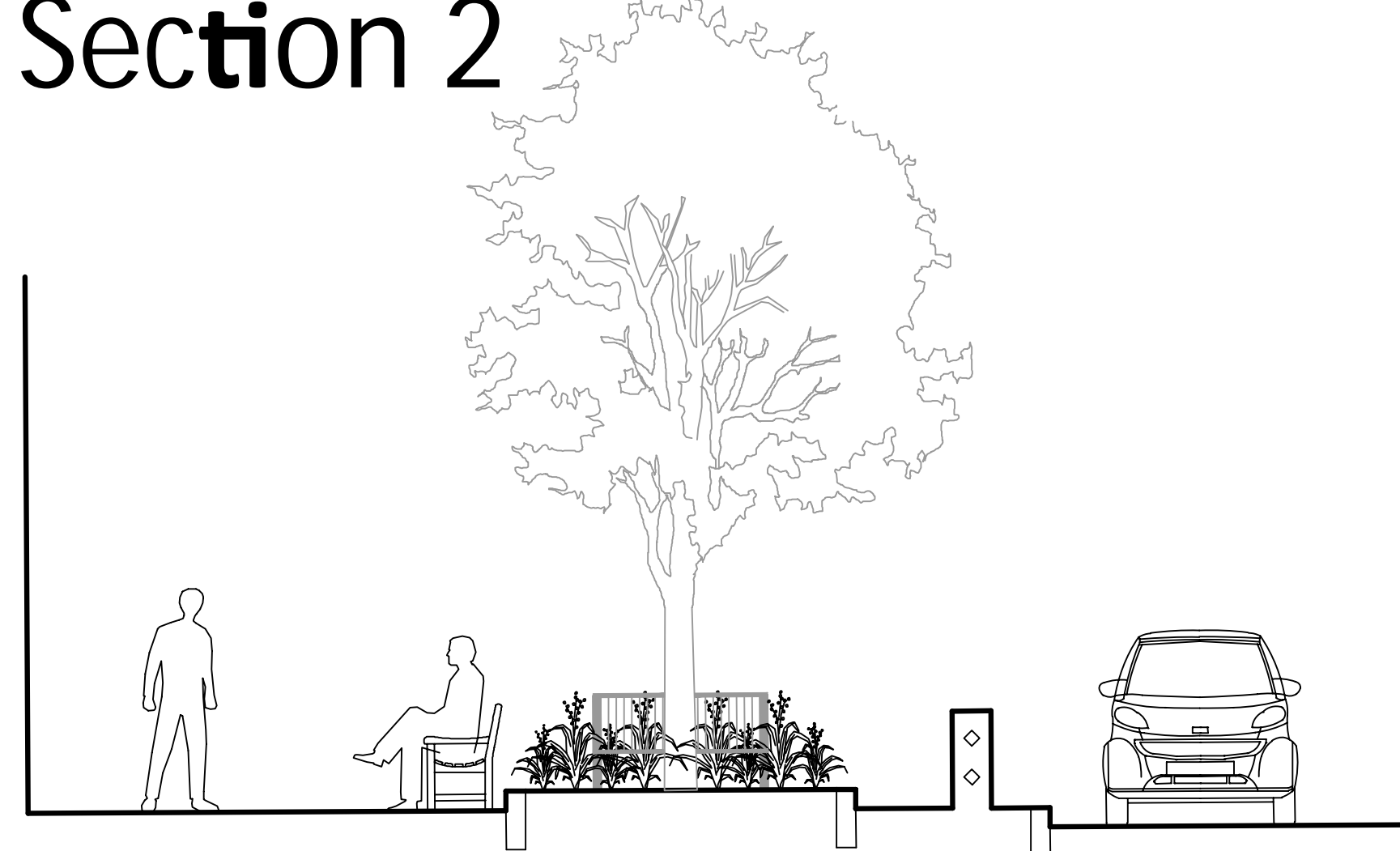


Key Plan

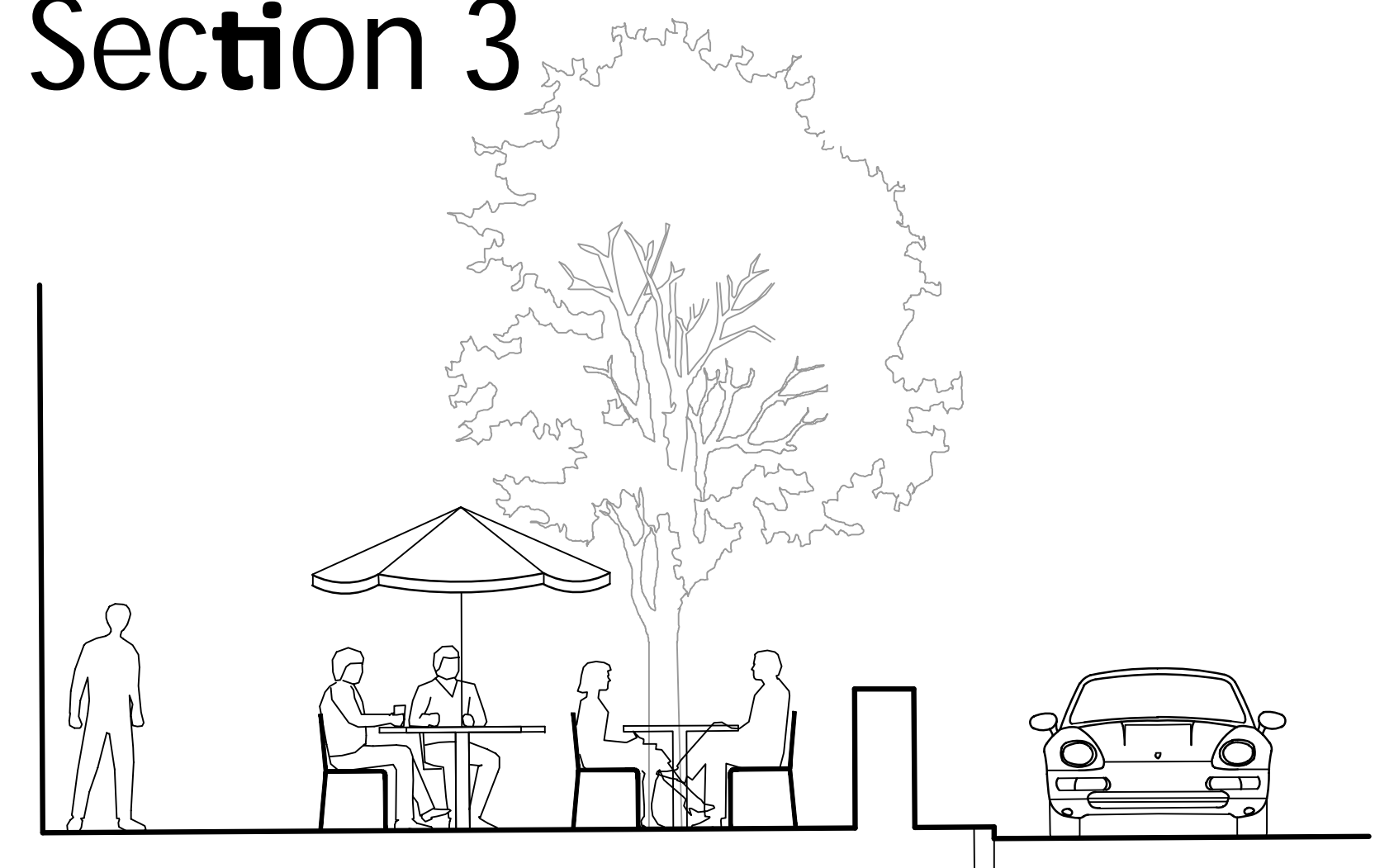
Section 1



Section 2



Section 3



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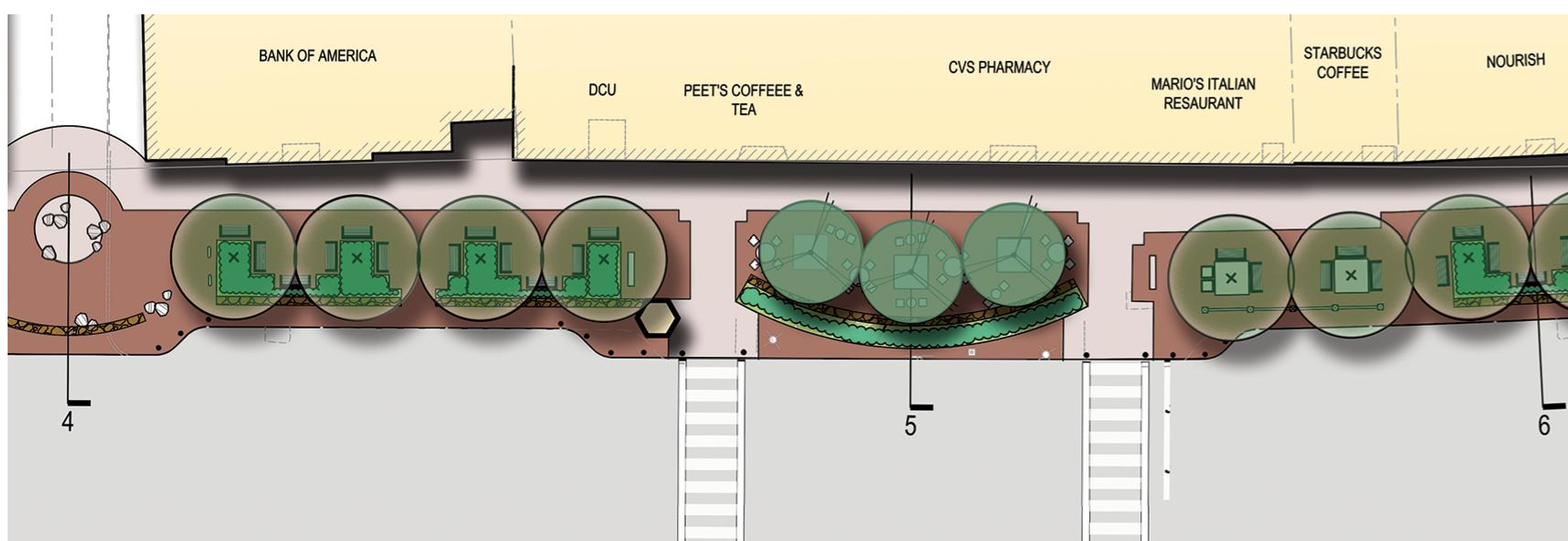
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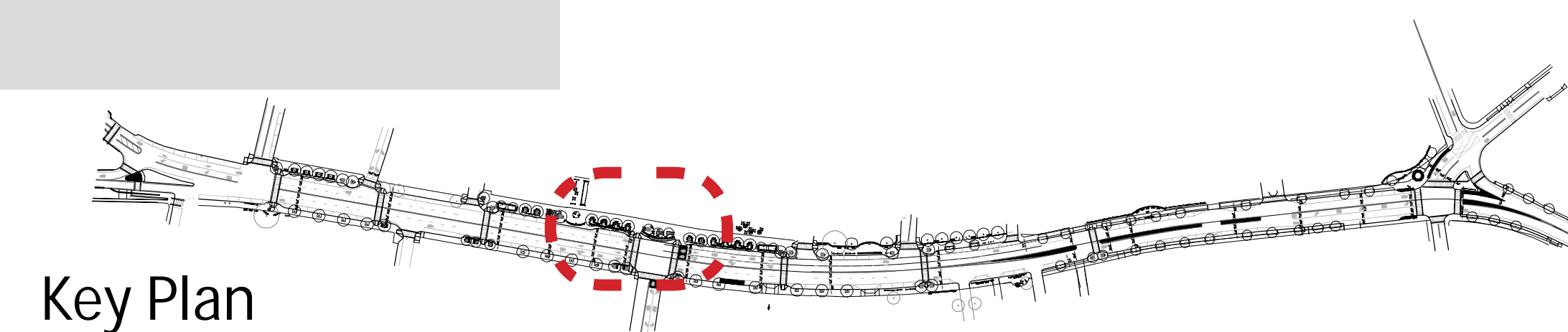
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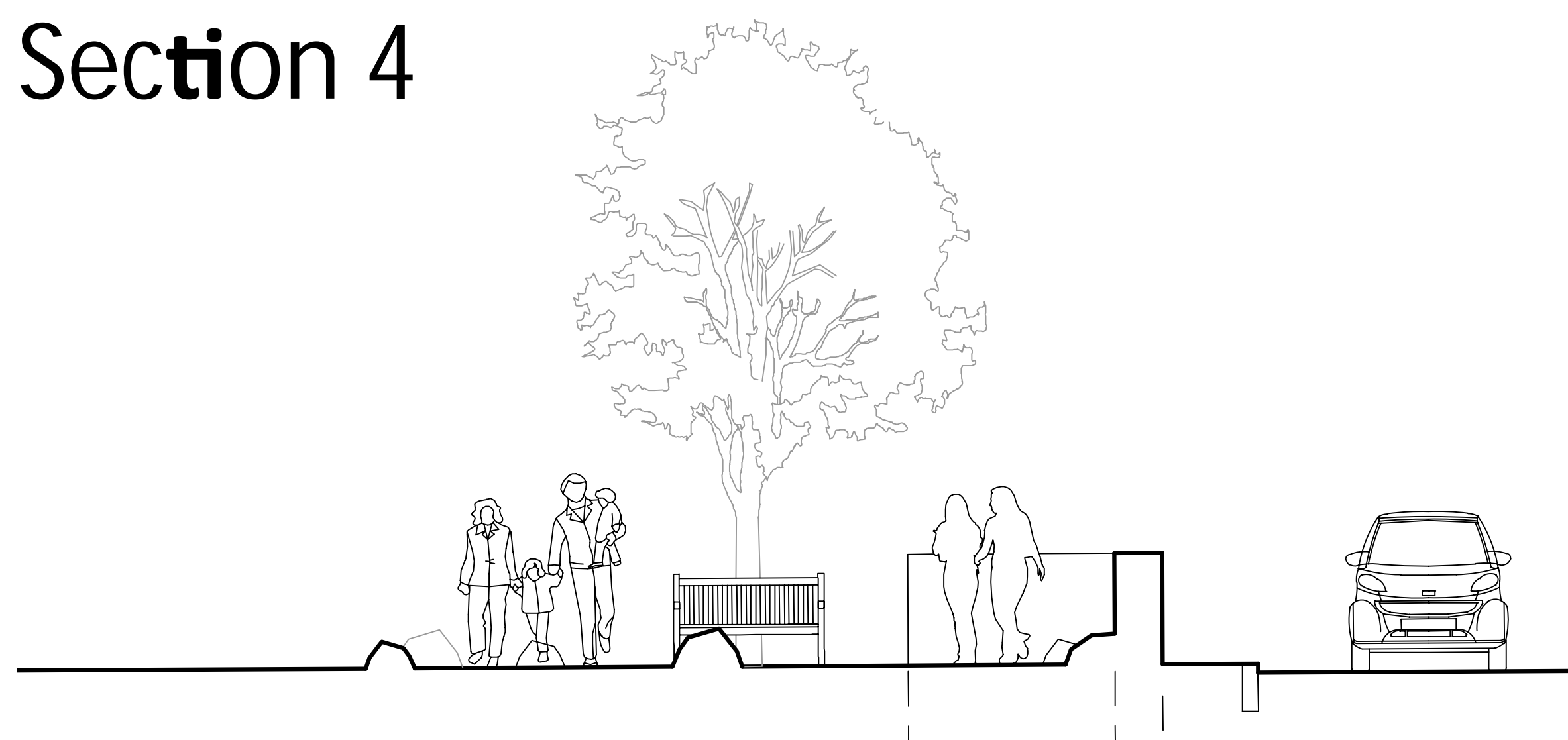


Plan

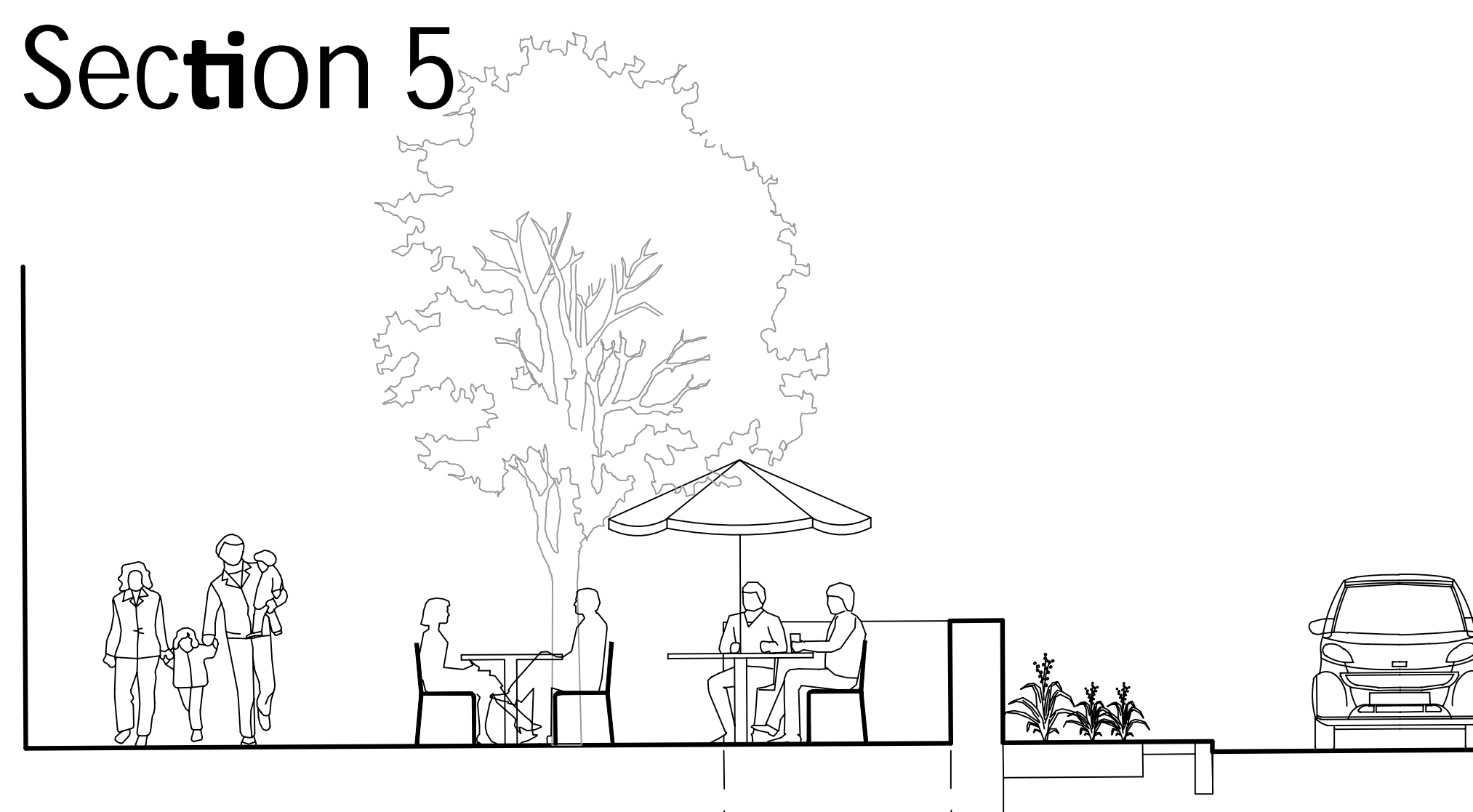


Key Plan

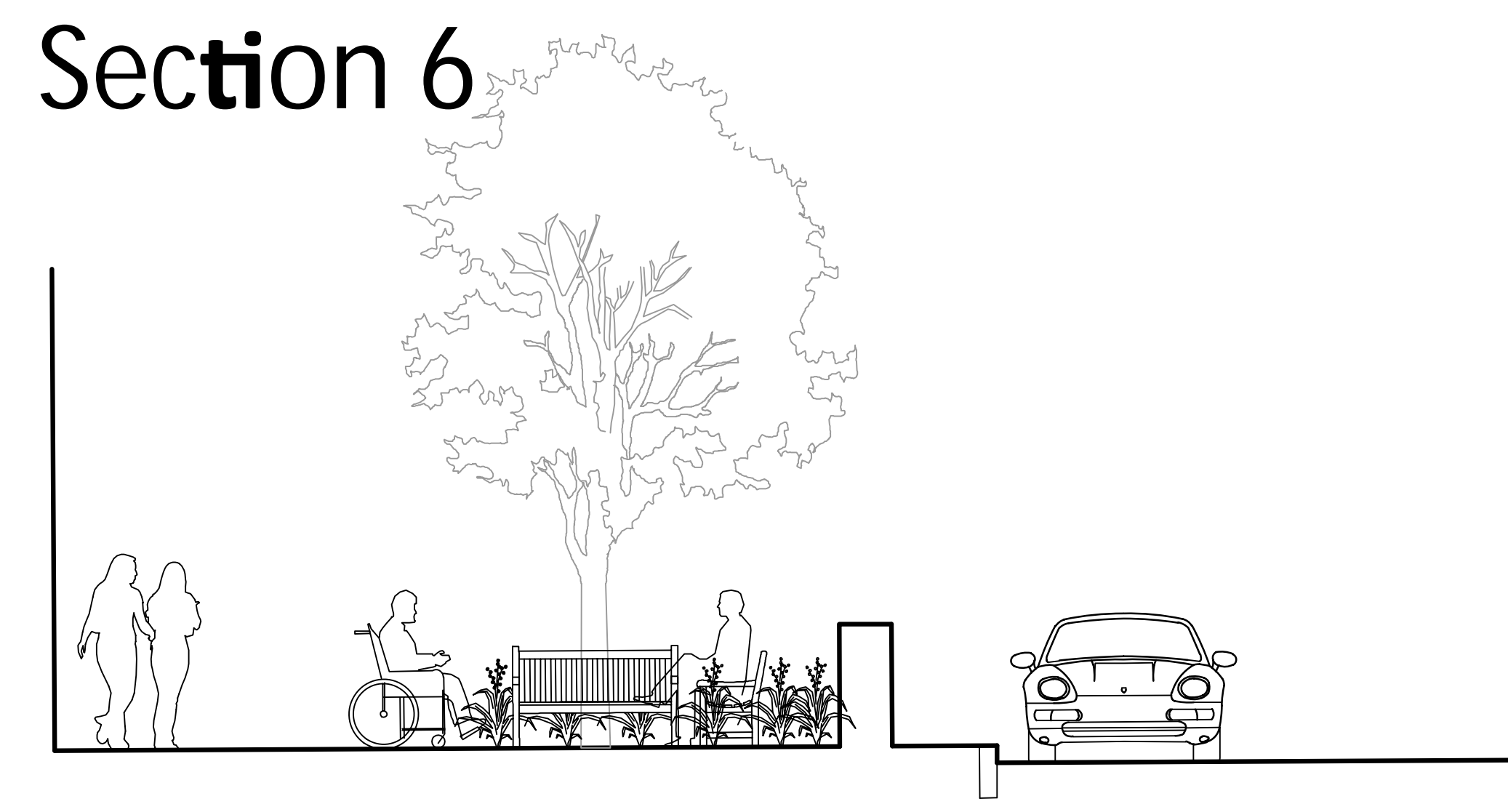
Section 4



Section 5



Section 6

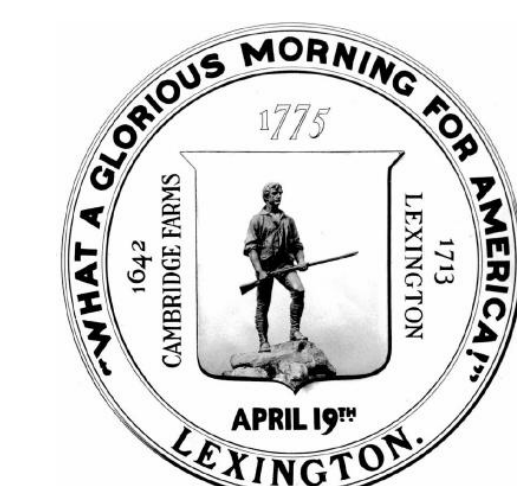


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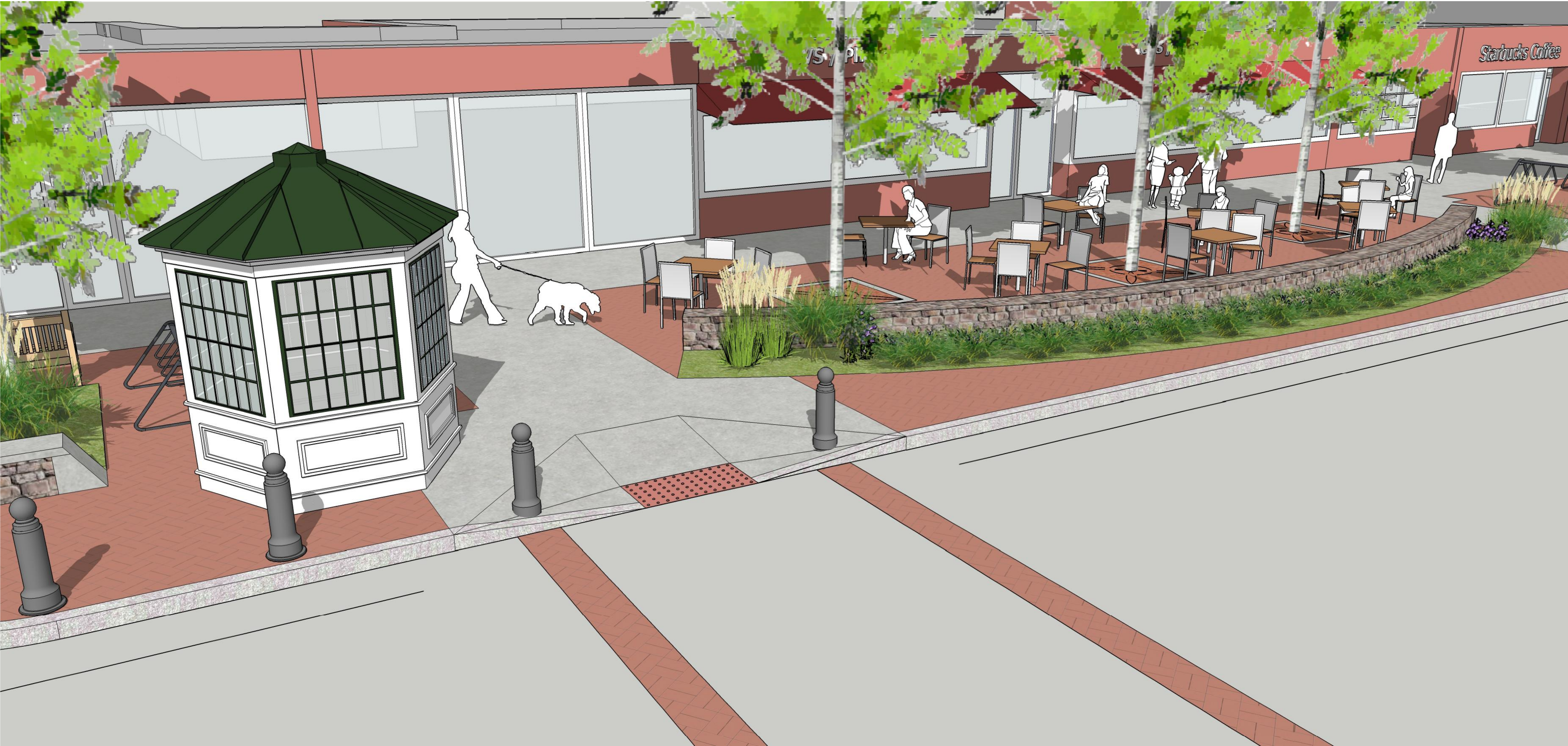


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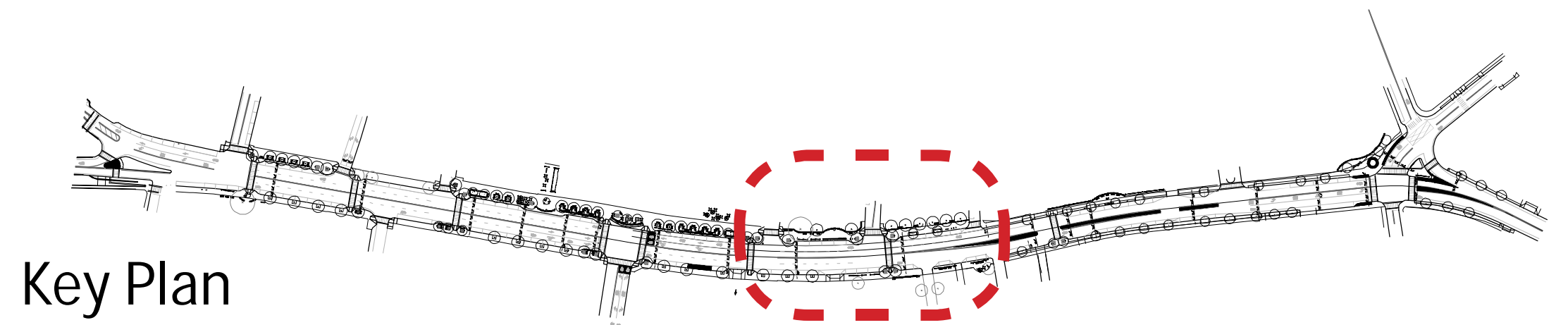
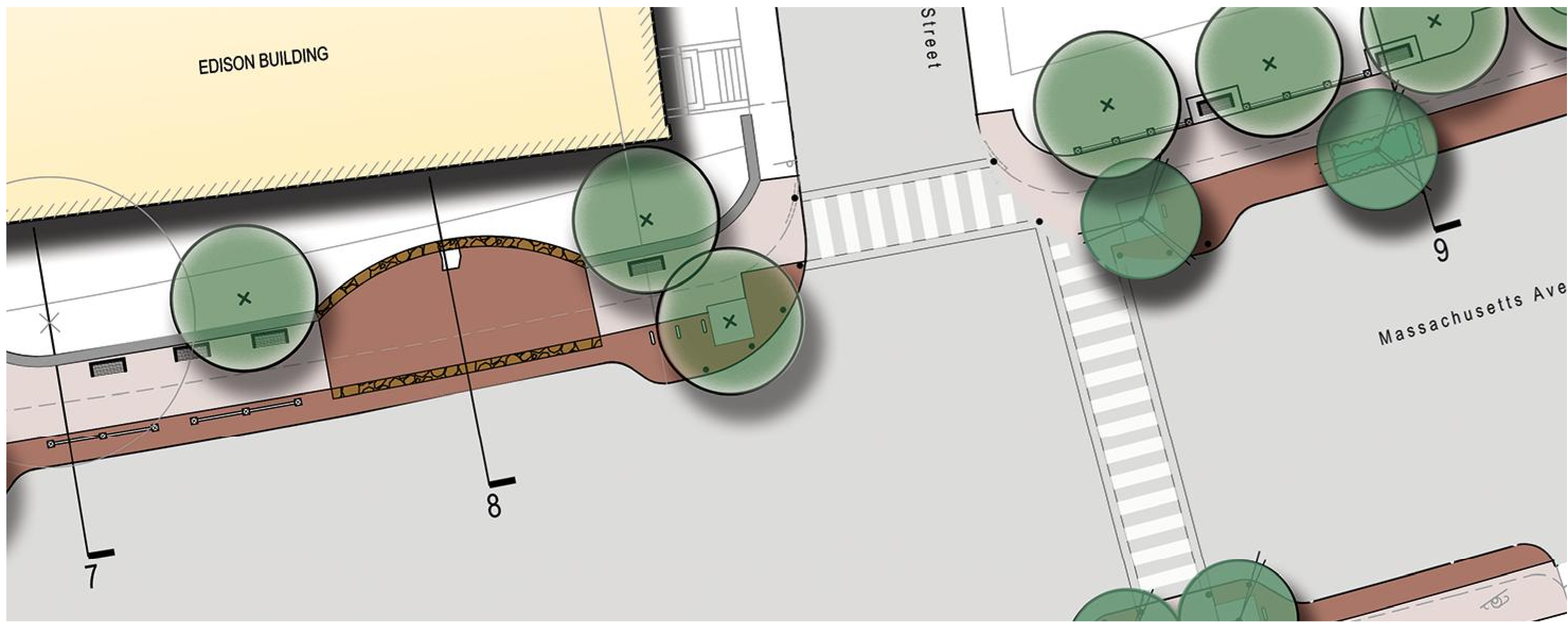


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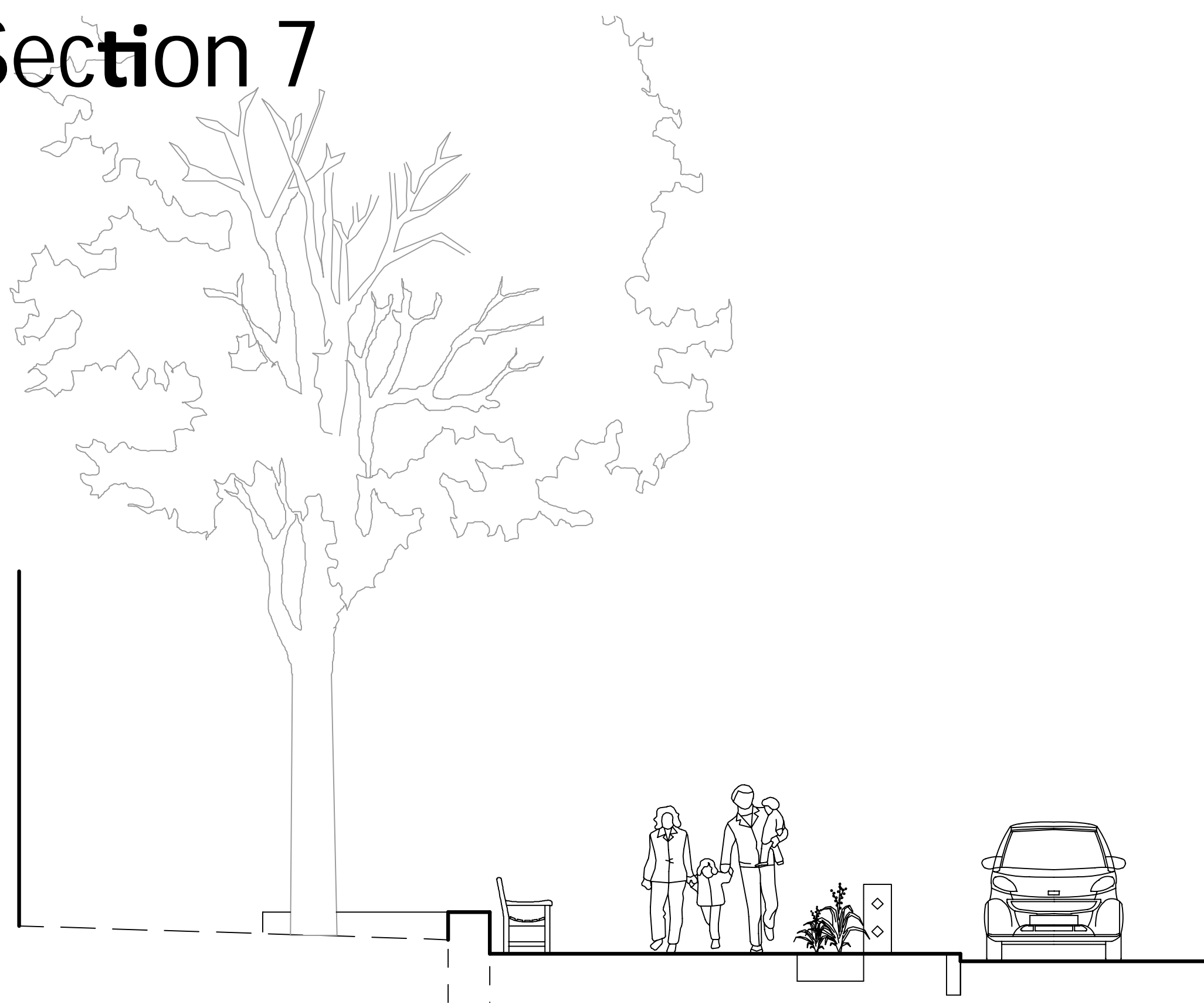
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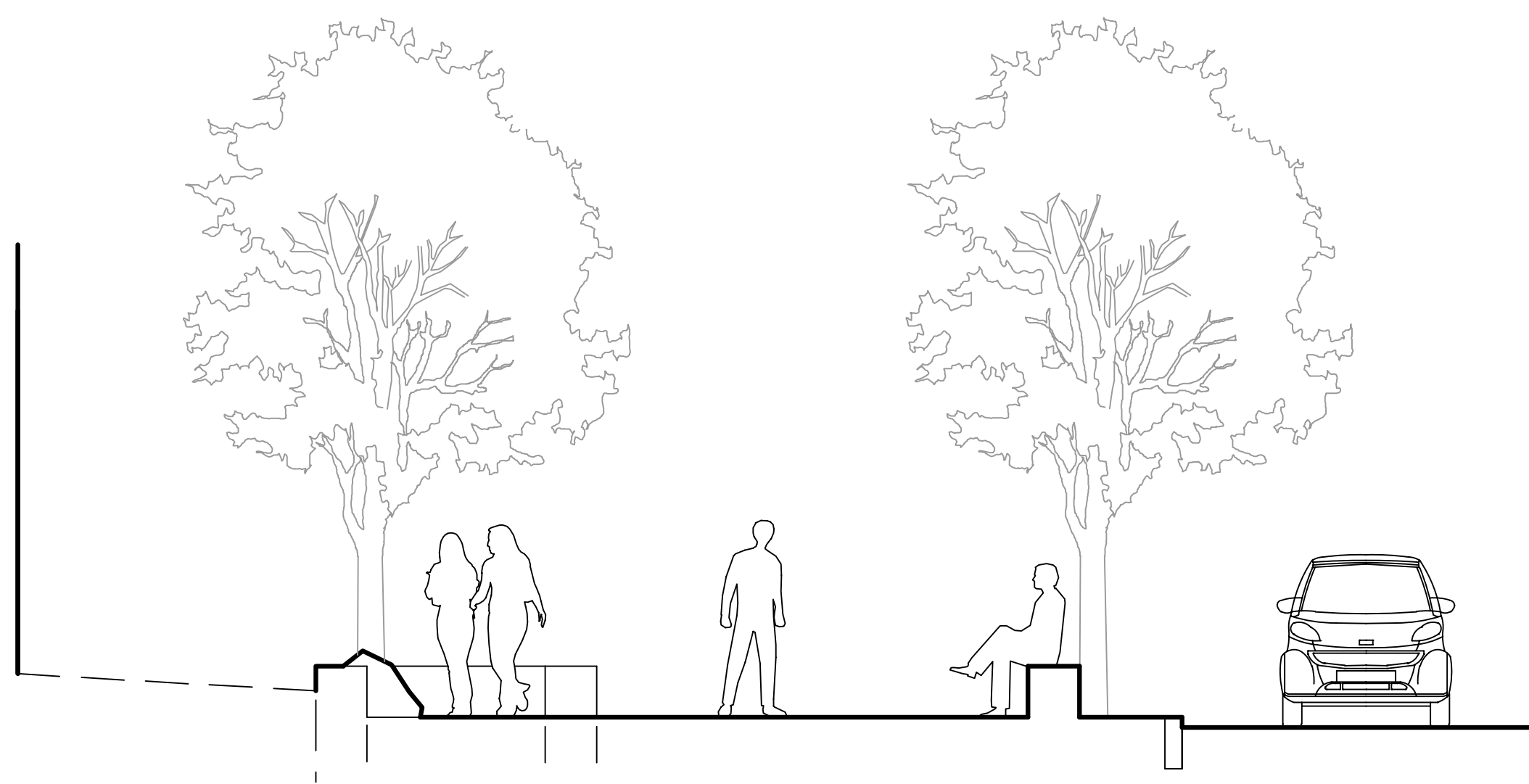


Plan

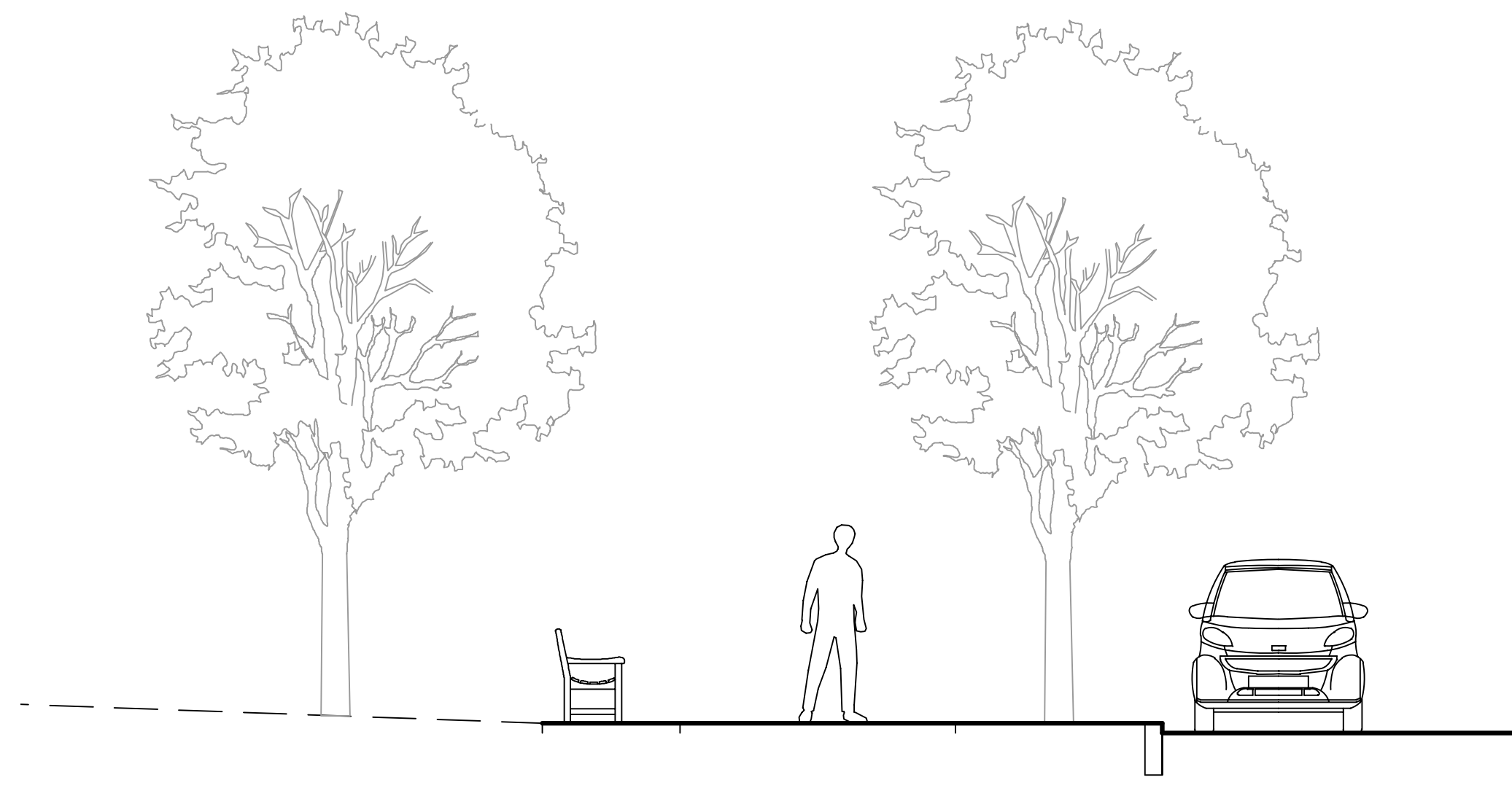
Section 7



Section 8



Section 9

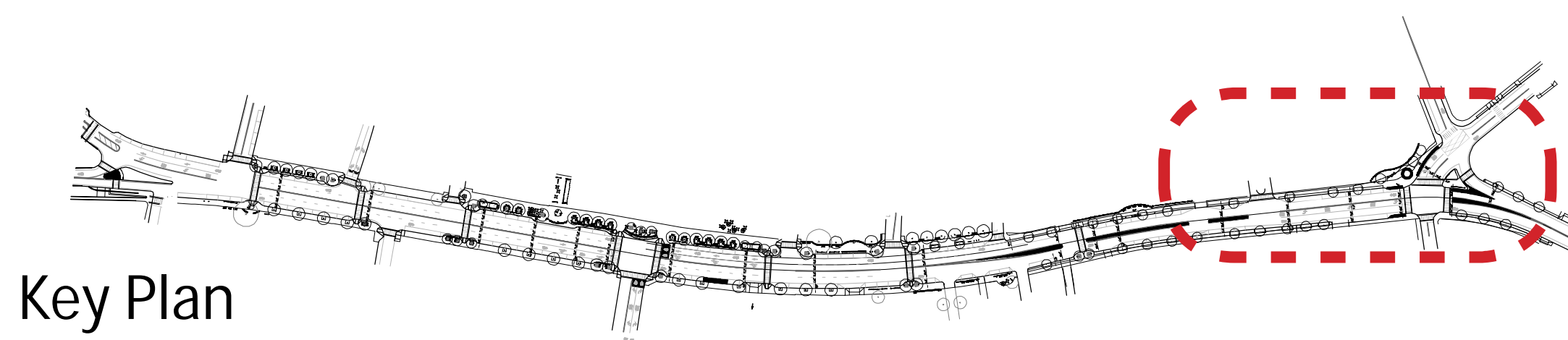
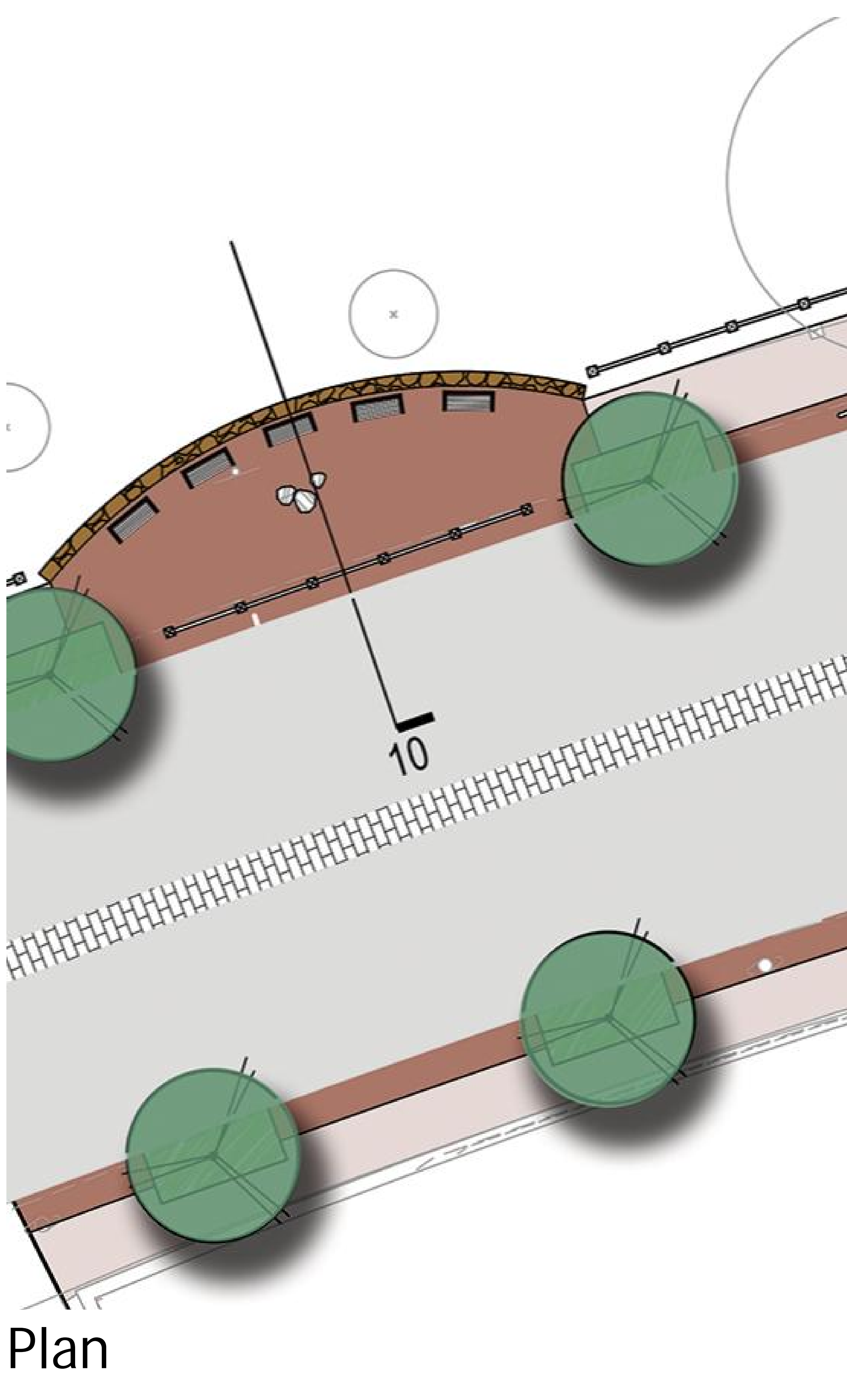


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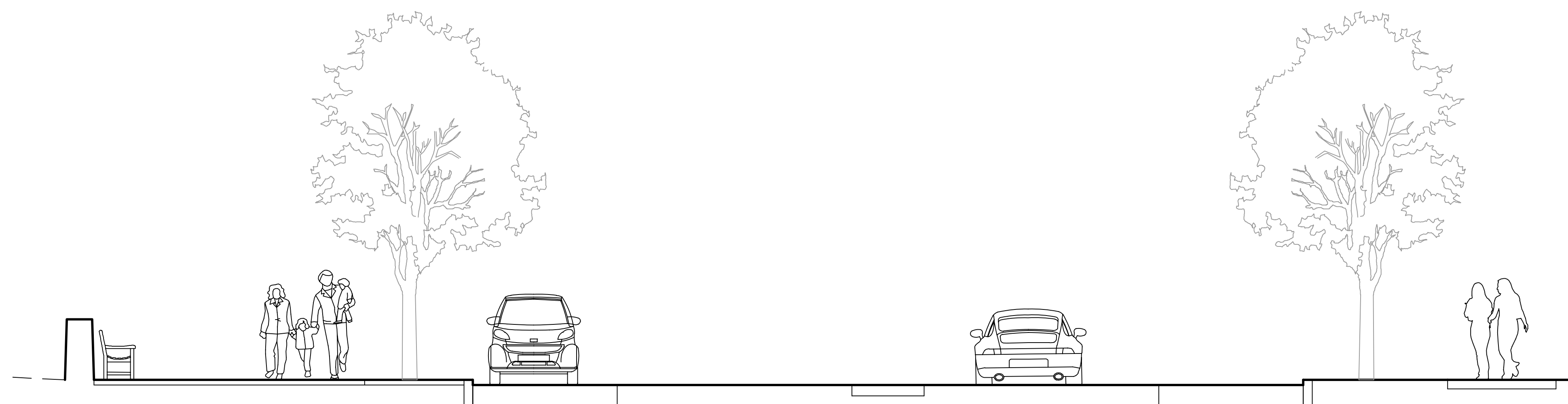
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Section 10



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Break-Out Sessions

Groups

- ▶ Group A: Vision
 - ▶ Group B: Streetscape
 - ▶ Group C: Cross-Section/Traffic
 - ▶ Group D: Plans
-
- ▶ Discuss for 15 Minutes, then Rotate

Moderators

Don/Pam

Kelly/Scott

Mike/John

Tony/Kien

-BREAK TIME-

A Clock will be Shown

Break-Out Recap

Groups

- ▶ Group A: Vision
- ▶ Group B: Streetscape
- ▶ Group C: Cross-Section/Traffic
- ▶ Group D: Plans

Moderators

Don/Pam

Kelly/Scott

Mike/John

Tony/Kien

Next Steps

- ▶ Review and Address Comments
- ▶ Communication Efforts: Lex Engage and Town Website
- ▶ Future Meetings

Thank You For Attending!!